# QuRating: Selecting High-Quality Data for Training Language Models 

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#### Abstract

Selecting high-quality pre-training data is important for creating capable language models, but existing methods rely on simple heuristics. We introduce QuRating, a method for selecting pretraining data that can capture human intuitions about data quality. In this paper, we investigate four qualities-writing style, required expertise, facts \& trivia, and educational value-and find that LLMs are able to discern these qualities, especially when making pairwise judgments of texts. We train a QuRater model to learn scalar ratings from pairwise judgments, and use it to annotate a 260B training corpus with quality ratings for each of the four criteria. In our experiments, we select 30B tokens according to the different quality ratings and train 1.3B-parameter language models on the selected data. We find that it is important to balance quality and diversity. When we sample using quality ratings as logits over documents, our models obtain lower perplexity and stronger in-context learning performance than baselines. Our best model is based on educational value and performs similarly to a model trained with uniform sampling for $50 \%$ more steps. Beyond data selection, we use the quality ratings to construct a training curriculum which improves performance without changing the training dataset. We extensively analyze the quality ratings and discuss their characteristics, biases, and wider implications. ${ }^{2}$


## 1. Introduction

There is increasing evidence that choosing the right training data is essential for producing state-of-the-art large language models (LLMs) (Brown et al., 2020; Chowdhery et al., 2023; Rae et al., 2021). Researchers have found that model performance can be improved by deduplicating training data (Lee

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Figure 1. In QuRating, we obtain comparative judgements from an LLM to train a QuRater model, which assigns scalar quality ratings to the documents in a language model training corpus.
et al., 2022; Abbas et al., 2023), finding the right balance of domains (Touvron et al., 2023a; Xie et al., 2023a), or selecting data that resembles a high-quality corpus (Brown et al., 2020; Chowdhery et al., 2023; Xie et al., 2023b). However, the ideal properties of training data remain hard to characterize; an improved understanding could enable open research to train stronger models under resource constraints.

In this work, we aim to capture the abstract qualities of texts which humans intuitively perceive. As part of our approach, which we call QuRating (quality rating), ${ }^{3}$ (1) we compare pairs of texts along a quality criterion, (2) we train a model that translates the resulting judgments into scalar quality ratings, (3) we use these ratings to select pre-training data, and (4) we identify which abstract qualities are valuable by training language models on the selected subsets and evaluating their performance.

Throughout the paper, we focus on four particular qualities of a text as our criteria for data selection: the text's writing style, the amount of facts \& trivia it contains, its educational value, and the required expertise needed to understand it. These qualities are necessarily subjective. However, we verify that GPT-3.5-turbo can discern their presence in clearcut cases. In particular, we find that LLMs produce more stable and accurate judgments when prompted to compare

[^1]documents in a pairwise setting.
We use the Bradley-Terry model (Bradley \& Terry, 1952) to translate the LLM-derived pairwise judgments into quantitative ratings for each piece of text. We treat the ratings as logits over documents, from which we sample without replacement for subset selection. We add a temperature $\tau$ to trade off quality and diversity by interpolating between top- $k$ selection ( $\tau \rightarrow 0$ ) and uniform random sampling $(\tau \rightarrow \infty)$. We show that in this formulation, quality ratings are connected to rewards in RLHF (Ouyang et al., 2022).

For our experiments, we query GPT-3.5-turbo to judge 250 K text pairs for each of the four quality criteria and fine-tune a Sheared-Llama-1.3B model (Xia et al., 2024) to learn the implied quality ratings. We then use this fine-tuned QuRater model to predict quality ratings across 260B tokens from the SlimPajama corpus (Soboleva et al., 2023) to produce the QuRatedPajama dataset. Finally, we train new 1.3B-parameter language models from scratch by selecting subsets of 30 B out of 260B tokens. We compare our method to uniform sampling, perplexity filtering (Wenzek et al., 2020; Marion et al., 2023), and importance resampling (Xie et al., 2023b) with respect to high-quality domains. Our evaluation focuses on in-context learning on 10 diverse tasks as a measure of model capability (Gao et al., 2021).

We find that selecting only the highest-rated documents produces models which excel at particular tasks but underperform on others. Sampling with a temperature $\tau=2.0$ produces more consistent results across tasks and improves validation perplexity. When we use our best selection criterion, educational value, we improve in-context learning (ICL) performance on every tasks by an average of $1.8 \%$ compared to uniform selection, similar to a baseline trained for $50 \%$ more steps. Selecting based on writing style leads to the best perplexity but surprisingly does not lead to substantial improvements in downstream task performance.

We also leverage the quality ratings to build a training curriculum. Our experiments show that models trained on data ordered based on required expertise outperform models which are trained on the same data in a random order.

We perform an extensive analysis of the quality ratings. For each domain, we study the distribution of ratings and report insights from inspecting high and low-ranking documents. Finally, we discuss the social impact of data selection and document the effect of QuRating on web pages from the AboutMe dataset (Lucy et al., 2024).

Our work demonstrates how certain human notions of data quality are effective signals for scalable data selection. We release our code, the GPT-3.5-turbo outputs, the fine-tuned QuRater model and the annotated QuRatedPajama dataset to encourage data exploration and efficient LLM training.

## 2. Background

We review some best practices in data engineering for language models and discuss them in relation to our approach.

Rule-based heuristics. Data selection pipelines commonly include hand-crafted heuristics that filter out low-quality data (Rae et al., 2021; Laurençon et al., 2022; TogetherAI, 2023; Penedo et al., 2023; Soldaini et al., 2023). These typically involve thresholds on mean word length, stop word fraction, and word repetitions, e.g., the so-called C4 filters (Raffel et al., 2020) and the Gopher rules (Rae et al., 2021). While binary rules are useful for excluding noisy internet artifacts, we need more precise quality measures to identify the most desirable examples in a dataset.

Model-based heuristics. In heuristic classification (Brown et al., 2020), a bigram discriminator model selects data that resembles a high-quality target domain, such as Wikipedia articles. This paradigm has been widely adopted (Du et al., 2022; Gao et al., 2020; Chowdhery et al., 2023; Touvron et al., 2023a). In Data Selection with Importance Resampling (DSIR), Xie et al. (2023b) sample from generative models instead of discriminators, and show that this improves performance. We argue that an entire domain such as Wikipedia is an imprecise proxy for data quality. Another popular method is perplexity filtering (Wenzek et al., 2020; Muennighoff et al., 2023; Marion et al., 2023), i.e., choosing data that has high likelihood under a language model. However, we note that this includes data with simple and repetitive content, which is easy to predict for a model.

LLM quality signals. Most similar to our work, Gunasekar et al. (2023) filter data by querying GPT-4 to identify documents with "educational value for a student whose goal is to learn basic coding concepts". In contrast to our work, they augment filtered web data with synthetic data generated by LLMs. We study four quality criteria and use pairwise comparisons, which produce more stable rankings with GPT-3.5-turbo. Our work is also connected to Korbak et al. (2023), who incorporate human preferences into language model training but with a focus on toxicity and privacy. We select data with the goal of teaching language models strong skills with fewer samples.

Deduplication. Deduplicating training data has become standard practice (Lee et al., 2022; Anil et al., 2023; Touvron et al., 2023a), as it improves language models by removing repeated training data and boosting sample diversity. Deduplication is usually done in a fuzzy or semantic manner (Jiang et al., 2023; Abbas et al., 2023; Tirumala et al., 2023). While it reduces the number of documents in a corpus, it is not well-suited to sample a subset of a specific size. Rather, it should be run before selecting data based on quality.


Figure 2. We consider a pair of texts and report the judgments we elicit from GPT-3.5 as to which text it prefers, using different prompts that correspond to different qualitative criteria. We also report the quality ratings which we ultimately use for data selection. These ratings are given by our QuRater model, which is trained to assign ratings that best correspond to pairwise judgments.

Distillation. In knowledge distillation, a student model is trained to absorb the knowledge of a teacher model (Hinton et al., 2015). This approach has been adapted to language models (Kim \& Rush, 2016; Sanh et al., 2019; Agarwal et al., 2024), where the student model receives rich feedback from the teacher at every token position. Selecting data with QuRating can be seen as a much sparser form of distillation, providing as guidance only a single quality signal per sequence. After the training data has been selected, models acquire knowledge not from a teacher but from the raw documents in the training corpus.

## 3. Quantifying Qualitative Aspects of Text

We develop a method which can directly capture human intuition about data quality and leverage it for scalable data selection. We obtain fine-grained quality signals without having to craft heuristic rules or select proxy domains.

### 3.1. Overview of the Method

We associate a quality criterion with a question that asks which of two pieces of text $\left(t_{A}, t_{B}\right)$ exhibits a certain quality to a higher degree. We record the confidence $p_{B \succ A} \in[0,1]$ with which a judge chooses $B$ over $A$. In this paper, we sample pairs of texts from a vast collection of documents and use GPT-3.5-turbo to judge them based on the criterion. Thus, we can rapidly create large datasets of judgments $\mathcal{J}=\left\{\left(t_{i}, t_{j}, p_{i \succ j}\right)\right\}$.
We use the Bradley-Terry model (Bradley \& Terry, 1952) to translate binary judgments into scalar quality ratings,

$$
p_{B \succ A}=\sigma\left(s_{B}-s_{A}\right),
$$

where $\sigma$ is the sigmoid function, and the ratings are estimated using maximum-likelihood estimation. We parametrize the ratings with a so-called QuRater model
$s_{\theta}\left(t_{i}\right)$, which is trained with the binary cross-entropy loss,

$$
\begin{gathered}
\mathcal{L}_{\theta}=\underset{\left(t_{A}, t_{B}, p_{B \succ A}\right) \in \mathcal{J}}{\mathbb{E}}\left[-p_{B \succ A} \log \sigma\left(s_{\theta}\left(t_{B}\right)-s_{\theta}\left(t_{A}\right)\right)\right. \\
\left.-\left(1-p_{B \succ A}\right) \log \sigma\left(s_{\theta}\left(t_{A}\right)-s_{\theta}\left(t_{B}\right)\right)\right] .
\end{gathered}
$$

This parallels the training of reward models in Reinforcement Learning from Human Feedback (RLHF) (Ouyang et al., 2022) without conditioning the models on user input.

### 3.2. Choice of Criteria and Prompts

Which abstract qualities of text are most deserving of study? We argue that the most interesting criteria (1) are applicable to a wide variety of text, (2) require a deeper understanding of a text's content, which cannot easily be derived from surface features, (3) result in fine-grained rankings with few ties, (4) are complementary to each other. After exploring different candidates and iterating on their prompts, we choose the following four questions as our criteria:

- Which text has a more polished and beautiful writing style? We use "style" to emphasize the writing over the subject matter. In our exploration, "beautiful" and "polished" favor literary and academic writing, respectively.
- Which text contains more facts and trivia? Prefer specific facts and obscure trivia over more common knowledge. Inspired by LLMs' potential applications as knowledge bases (Petroni et al., 2019), we aim to identify texts that have a high density of long-tail factual knowledge. We find that adding "trivia" helps the LLM choose facts about niche topics and fictional worlds.
- Which text has more educational value? E.g., it includes clear explanations, step-by-step reasoning, or questions and answers. Following Gunasekar et al. (2023), we
prompt for educational value and specify some properties that are considered particularly valuable for inducing reasoning capabilities in LLMs, e.g., "step-by-step reasoning" resembles Chain-of-Thought prompting (Wei et al., 2022; Kojima et al., 2022).
- Which text requires greater expertise and prerequisite knowledge to understand it? It is interesting to study how the difficulty level of the training corpus impacts the capabilities of the model.

We show how these prompts act on two contrasting texts in Figure 2. The full prompts can be found in Appendix A.

Prompt validation. As quality judgments are ultimately subjective, we evaluate the prompts on clear-cut cases. For each criterion, we curate two sets of 40 documents from the web with clear differences in quality. We describe the specific constitution of this dataset in Table 3 in the appendix. We choose GPT-3.5-turbo ${ }^{4}$ as the LLM judge and evaluate the agreement with our preferences on 1600 document pairs. Using our prompts, GPT-3.5-turbo agrees with our preferences over $97 \%$ of the time on all the criteria except facts \& trivia, on which we achieve $92 \%$ agreement.

### 3.3. Why Use Pairwise Comparisons?

Previous work explores using LLMs to judge individual texts (Gunasekar et al., 2023). We observe that LLMs are better at comparing texts than they are at judging individual texts; specifically, they produce more reliable judgments in pairwise settings, and can better discriminate between texts with fine variations in quality.

In a case study, we rank 10 documents (see Table 4 in Appendix A) based on the authors' collective perception of their writing style. We use this ranking to study the LLM's ability to measure subtle gradations in quality. We ask GPT3.5 -turbo to (1) rate the documents' writing style on a 1 to 10 scale or (2) make pairwise judgments for all pairs of documents. We evaluate the Kendall tau rank coefficient with our human judgments on all 45 pairs and find that with GPT-3.5-turbo achieves $0.79 \pm 0.01$ in the pairwise setting, compared to $0.61 \pm 0.06$ for individual judgments, where we compute standard deviations over 3 runs.

Pairwise judgments are usually easy to verify for human annotators, whereas it is difficult to assess the correctness of the precise grade assigned to a document. Research in psychology and education suggests that pairwise judgments improve self-consistency and inter-annotator agreement (Thurstone, 1927; Pollitt, 2012); and have been found to be useful in the specific setting of evaluating essays (Pollitt \& Crisp, 2004; Lesterhuis et al., 2022). In machine

[^2]learning, pairwise comparisons have been used in assessing LM outputs (Ouyang et al., 2022; Dubois et al., 2023; Zeng et al., 2024) and in information retrieval (Gienapp et al., 2022; Sun et al., 2023; Qin et al., 2023).

### 3.4. Training the QuRater Model

Having settled on criteria and prompts, we produce a largescale dataset of judgments by querying GPT-3.5-turbo on 250K text pairs for each criterion. For each text pair, we prompt the LLM in both $\left(t_{A}, t_{B}\right)$ and $\left(t_{B}, t_{A}\right)$ order, and generate multiple continuations, which we average to compute the overall confidence $p_{B \succ A}$. This counteracts the positional bias observed in pairwise comparisons with LLMs (Wang et al., 2023; Zeng et al., 2024).

The dataset is derived from 500 K unique documents in SlimPajama (Soboleva et al., 2023), a web-scale pre-training corpus based on RedPajama (TogetherAI, 2023). For each pair of documents, we extract snippets of at most 512 Llama tokens (Touvron et al., 2023a). Specifically, 200K pairs are sampled randomly across all domains, and an additional 10 K pairs are sampled within each of the five specialist domains Wikipedia, Book, StackExchange, Github, ArXiv. In Appendix B, Table 5 shows that we obtain many confident LLM judgments across domains, and Figure 5 shows that the judgments are not strongly correlated between criteria.

We fine-tune a 1.3B parameter Sheared-Llama model (Xia et al., 2024) on the dataset of pairwise LLM judgments. We add four linear heads to predict quality ratings across the four criteria. In Appendix B, we discuss the training setup in detail and show that the QuRater model has over 93\% accuracy on held-out judgments.

## 4. Selecting Data By Quality Rating

Our goal is to select a subset of documents from a large-scale corpus. We introduce the following framework for sampling according to quality ratings. Let each document $d_{i}$ in a corpus $\mathcal{D}$ be annotated with a quality rating $s_{i}$, assigned by the QuRater model. We sample documents without replacement according to the softmax probabilities,

$$
p\left(d_{i}\right) \propto \exp \left(\frac{s_{i}}{\tau}\right)
$$

normalized over the corpus $\mathcal{D}$. The temperature term $\tau$ controls the sample diversity. As $\tau \rightarrow 0$, this strategy becomes top- $k$ selection, the most straightforward approach of incorporating quality signals. At $\tau \rightarrow \infty$, it is equivalent to the uniform sampling baseline. This sampling scheme implicitly changes the language modeling objective to rewardweighted regression (Korbak et al., 2023; Peters \& Schaal, 2007). We sample without replacement following (Xie et al., 2023b), as it increases sample diversity and also allows for efficient sampling via the Gumbel top- $k$ trick (Kim et al.,

2016; Kool et al., 2019; Vieira, 2014).

Quality ratings as rewards. In Appendix C, we show the quality ratings are connected to rewards in Reinforcment Learning from Human Feedback (RLHF) (Ouyang et al., 2022; Rafailov et al., 2023) when using this sampling strategy. For large enough sample sizes, our method approximates pre-training a language model on a random subset of the dataset, and then using RLHF to steer the language model towards generating documents with higher quality ratings. The temperature $\tau$ becomes the weight of the KLdivergence term in the RLHF objective, constraining the RLHF model to be similar to the pre-trained model. Unlike the typical rewards used in RLHF, the quality ratings are not conditioned on user input and should serve a different purpose: to guide the model towards data from which it can learn generalizable skills (Arora \& Goyal, 2023; Yu et al., 2024) and useful world knowledge (Li et al., 2023).

Curriculum learning with quality ratings. Sampling without replacement naturally leads to a training curriculum. In regular language model training, the examples are randomly shuffled after data selection. However, if we train on examples in reverse order in which they were sampled, examples with low quality ratings are more likely to be appear at the start of training and highly-rated examples towards the end of training. This is particularly interesting when there is sufficient budget to train on the entire corpus $\mathcal{D}$.

## 5. Experiments

We verify the QuRating approach in practice by training language models from scratch.

### 5.1. Setup

QuRatedPajama. We annotate a 260B token corpus with quality ratings across our four criteria-using the QuRater model from Section 3.4-to produce QuRatedPajama. The corpus is a subset of documents from SlimPajama (Soboleva et al., 2023), an extensively deduplicated version of RedPajama (TogetherAI, 2023), and consists of sequences of 1024 tokens using the Llama tokenizer (Touvron et al., 2023a). Since the QuRater model was only fine-tuned on short sequences, we compute the document-level quality rating by averaging over contiguous segments of up to 512 tokens weighted by their segment length. While the annotation process is expensive (equivalent to 520 NVIDIA H100 hours), it can be massively parallelized, and the resulting quality ratings can serve many purposes, e.g., data selection, curriculum training or data discovery. ${ }^{5}$

[^3]Training. Using different data selection methods, we select a subset of 30B tokens from QuRatedPajama and train a randomly initialized language model on this training set for one epoch in a randomly shuffled order. The models have 1.3B parameters and use a transformer architecture (Vaswani et al., 2017) with RoPE embeddings (Su et al., 2024). Further details can be found in Appendix D. We train on slightly more data than the compute-optimal amount (Hoffmann et al., 2022). However, a larger number of training tokens should give a clearer signal regarding data quality.

Evaluation. We aim to provide a holistic evaluation of the language models trained on 30B tokens:

- We measure the perplexity over 50M tokens from SlimPajama's held-out validation split.
- We evaluate the in-context learning (ICL) performance using lm-evaluation-harness (Gao et al., 2021). We study 10 tasks, comprising 5 reading comprehension tasks (ARC-easy/challenge (Clark et al., 2018), SciQA (Welbl et al., 2017), LogiQA (Liu et al., 2020), BoolQ (Clark et al., 2019)), 3 commonsense reasoning tasks (HellaSwag (Zellers et al., 2019), PIQA (Bisk et al., 2020), WinoGrande (Sakaguchi et al., 2021)) and 2 knowledgeintensive tasks (NQ (Kwiatkowski et al., 2019), MMLU (Hendrycks et al., 2021)). We choose the number of fewshot examples for each task to ensure that all examples fit within the context window of 1024 tokens. We report the detailed settings in Appendix D.
- We evaluate the instruction-following capabilities of our models, borrowing the setting used by (Xia et al., 2024). We perform supervised fine-tuning on 10,000 instructionresponse pairs from the ShareGPT dataset. We evaluate on another 1,000 instructions and use the AlpacaFarm codebase (Dubois et al., 2023) to judge the responses from two models with GPT-4-0314.


### 5.2. Data Selection Methods

In each experiment, we select a 30B-token training dataset from QuRatedPajama with one of the following methods, while retaining the same domain proportions as the overall dataset. We leave it to future work to combine QuRating with methods that optimize the domain mixture.

- Uniform: We select randomly with a uniform probability across documents, equivalent to $\tau \rightarrow \infty$. For comparison's sake, we train an additional model on 45B tokens, requiring $50 \%$ more compute.
- Sample with QuRating: For each of the four criteria, we sample according to the quality ratings as described in Section 4. We normalize the variance of the quality ratings to be 1 and then sample with temperatures $\tau \in$ $\{0.0$ (i.e., top- $k$ selection), $1.0,2.0\}$.

Table 1. QuRating improves perplexity and average few-shot in-context learning (ICL) results when sampling with temperature $\tau=2.0$. We report validation perplexity and in-context learning task performance for 10 tasks. We highlight the best result in each column and improvement over uniform sampling with the same token budget. In Appendix D, we report perplexity numbers for all models in Table 8 and detailed results for each ICL task in Table 9.

| Selection Method |  | Perplexity | Reading Comprehension (5 tasks) | Commonsense Reasoning (3 tasks) | World Knowledge (2 tasks) | Average <br> (10 tasks) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Uniform |  | 8.96 | 50.9 | 55.0 | 14.9 | 44.9 |
| DSIR | with Wiki | 10.67 ¢1.71 | $50.1{ }^{10.8}$ | $49.8{ }^{\downarrow} 5.2$ | $14.7{ }^{+0.2}$ | $42.9{ }^{\downarrow 2.0}$ |
|  | with Book | $11.00{ }^{\uparrow 2.04}$ | $47.9+3.0$ | $56.6{ }^{\uparrow 1.6}$ | $14.1{ }^{+0.8}$ | $43.8{ }^{\downarrow 1.1}$ |
| Perplexity | lowest | $11.92 \uparrow 2.96$ | $49.6{ }^{+1.3}$ | $53.5{ }^{\downarrow 1.5}$ | $13.4{ }^{+1.5}$ | $43.5{ }^{11.4}$ |
|  | highest | $9.97 \uparrow 1.01$ | $48.3{ }^{\downarrow 2.6}$ | $49.6{ }^{\downarrow 5.4}$ | 13.7 <br>  <br>  <br> d | $41.7{ }^{\downarrow} 3.2$ |
| Writing Style | top-k | $10.53 \uparrow 1.57$ | $49.3{ }^{1.6}$ | $53.3{ }^{\downarrow 1.7}$ | $13.5{ }^{+1.4}$ | $43.4{ }^{\downarrow 1.5}$ |
|  | $\tau=2.0$ | $8.90{ }^{\downarrow 0.06}$ | $51.0{ }^{\uparrow 0.1}$ | $55.8{ }^{\uparrow 0.8}$ | $14.1{ }^{1} .8$ | $45.0{ }^{\uparrow 0.1}$ |
| Facts \& Trivia | top-k | 10.56 ¢1.60 | $54.3{ }^{\text {¢ } 3.4}$ | $51.7+3.3$ | $15.5{ }^{\text {¢0.6 }}$ | $45.8{ }^{\uparrow 0.9}$ |
|  | $\tau=2.0$ | $8.91{ }^{\downarrow 0.05}$ | $52.7 \uparrow 1.8$ | $55.6{ }^{\text {¢0.6 }}$ | $15.6{ }^{\uparrow 0.7}$ | $46.2{ }^{\uparrow 1.3}$ |
| Educational Value | top-k | $10.59{ }^{\uparrow 1.63}$ | $54.7{ }^{\uparrow}{ }^{\text {. }}$. | $54.9{ }^{\downarrow 0.1}$ | $14.4{ }^{+0.5}$ | $46.7{ }^{\uparrow 1.8}$ |
|  | $\tau=2.0$ | $8.91{ }^{\downarrow 0.05}$ | $53.3{ }^{\uparrow 2.4}$ | $56.3 \uparrow 1.3$ | $15.7{ }^{\uparrow 0.8}$ | $46.7{ }^{\uparrow 1.8}$ |
| Required Expertise | top-k | $11.54 \uparrow 2.58$ | $52.8 \uparrow 1.9$ | $48.7{ }^{\downarrow} 6.3$ | $14.3{ }^{+0.6}$ | 43.9 \$1.0 |
|  | $\tau=2.0$ | $8.93{ }^{\downarrow 0.03}$ | $52.7 \uparrow 1.8$ | $55.5{ }^{\uparrow 0.5}$ | $15.0{ }^{\uparrow 0.1}$ | $46.0{ }^{\uparrow 1.1}$ |
| Criteria mix | $\tau=2.0$ | $8.90{ }^{\downarrow 0.06}$ | $52.1{ }^{\uparrow 1.2}$ | $55.5{ }^{\uparrow 0.5}$ | $15.2{ }^{\uparrow 0.3}$ | $45.7 \uparrow{ }^{\uparrow} .8$ |
| Uniform $+50 \%$ data |  | $8.46{ }^{\downarrow 0.50}$ | 52.9 ¢2.0 | $57.0{ }^{\uparrow 2.0}$ | 15.9¢1.0 | $46.8 \uparrow{ }^{\uparrow 1.9}$ |

- Inverse sampling: As a control study, we repeat the above procedure with transformed quality ratings $s_{i} \rightarrow-s_{i}$ to select the lowest-rated documents.
- Criteria mix: We explore the setting of merging the QuRating-sampled data for $\tau=2.0$ for the four criteria, and subsampling it randomly to 30B tokens, while taking care to exclude duplicate documents.
- DSIR: We apply data selection with importance resampling (DSIR) (Xie et al., 2023b) and select examples that resemble either English Wikipedia or the Book domain (TogetherAI, 2023)-commonly used as proxies for quality (Brown et al., 2020; Touvron et al., 2023a; Xie et al., 2023b). We follow (Xie et al., 2023b) and train hashed bigram models on QuRatedPajama and the target data.
- Perplexity Filtering: We implement perplexity filtering (Wenzek et al., 2020; Marion et al., 2023) and select the documents with the lowest/highest perplexity scores, as computed by a pre-trained ShearedLlama-2.7B model (Xia et al., 2024)- $2 \times$ the size of our QuRater model.


### 5.3. Results

We report perplexities and ICL results in of the models in Table 1 and the instruction following evaluation in Figure 3. In Appendix D, we provide comprehensive results for all models, namely, perplexity evaluation across domains in Table 8 and ICL results for individual tasks in Table 9 .

Baselines underperform uniform selection. Surprisingly, DSIR (Xie et al., 2023b) and perplexity filtering perform worse than random uniform sampling in our experiments. The perplexity evaluation in Table 1 suggests that these method introduce substantial bias to the training data, and we observe that this does not translate to better ICL results.

Sampling is better than top- $k$ selection. Selecting only the top- $k$ documents for training a language model results in substantially worse perplexity, suggesting that the best-rated documents do not have good coverage of the overall text distribution. Our sampling strategy is effective at alleviating this, and increasing sample diversity further with a temperature of $\tau=2.0$ improves perplexity over uniform sampling, despite the shift between the train and test distribution. In terms of in-context learning performance, top $-k$ selection achieves strong performance gains on individual tasks, but there is always a task where it performs worse than uniform selection. In contrast, sampling results in more balanced results across tasks, leading to better or equal average performance compared to top- $k$ selection.

Perplexity does not inform ICL performance. When varying the method for selecting training data, we cannot rely on perplexity as a proxy for model capabilities. For example, the writing style criterion yields the lowest perplexity, but surprisingly, only minor improvements in ICL performance.

In Figure 6 in the appendix, we visualize the relationship across all tasks and models and observe no clear trends.

Educational value is the strongest criterion. Amongst our criteria, the models trained on texts with educational value exhibit the strongest gains on ICL, and with $\tau=2.0$ improve upon uniform sampling in all of the 10 tasks. This model performs comparably to a uniform sampling baseline trained with $+50 \%$ more data and compute, highlighting the impact of selecting high-quality data. It is also the only model that gives a clear win rate of $57.3 \%$ against the uniform model after instruction tuning in Figure 3.

Other criteria. We find that Facts \& trivia and required expertise improve ICL performance on average, and provide promising gains in reading comprehension and world knowledge tasks, but perform worse at commonsense reasoning. In our control experiments, in which we sample from the lowest quality ratings, no criterion meaningfully improves overall ICL performance. However, selecting documents low in facts \& trivia or required expertise benefits all 3 commonsense tasks, see Table 9 in the appendix.

Criteria mix. Mixing the selected subsets across criteria results in low perplexity and better average ICL performance than baselines, it does not outperform selection using only educational value or facts \& trivia. This may be since 25\% of the data is selected based on writing style, our worst performing criterion. We are optimistic that future work may find more effective ways of combining criteria.

### 5.4. Curriculum Learning

Setting. We train two additional models on the 30B token dataset created with uniform selection. However, we change the order in which samples are seen during training based on required expertise. Specifically, we use our sampling method (Section 4) with temperature $\tau=2.0$, and train on data in the same order in which it was sampled (high $\rightarrow$ low expertise), or in the reverse order (low $\rightarrow$ high expertise). This explores whether quality ratings are useful in forming a curriculum without changing the set of training examples.

Results. The evaluation results for perplexity and ICL are included in the appendix in Tables 8 and 9 respectively. We find that, even when training on the same set of examples, quality ratings are still useful for improving performance, compared to training with a randomly permuted sample order. Both the curriculum of low-to-high expertise and its reverse improve average ICL performance by $0.6 \%$ and $0.5 \%$ respectively, with strong performance in different tasks. However, only the curriculum of increasing expertise improves perplexity on held-out data.


Figure 3. Instruction following win rates of models trained with QuRating ( $\tau=2.0$ ) vs. uniform data selection after instruction fine-tuning on 10 K ShareGPT examples.

## 6. Analysis of Quality Ratings

Understanding the nature of quality ratings on such a vast amount and variety of data is challenging. We begin by studying the distribution of ratings across domains, as well as across unsupervised clusters when domains are too coarse. We then inspect raw documents across these distributions and discuss our observations. Lastly, we document the social, topical, and geographical biases of our approach by applying it to the AboutMe dataset (Lucy et al., 2024).

### 6.1. Distribution of Quality Ratings

We sample 1M sequences from QuRatedPajama and visualize the normalized quality ratings across the different RedPajama domains (TogetherAI, 2023). CommonCrawl and C 4 constitute the majority of training data, but lack interpretable metadata. We therefore leverage techniques in unsupervised domain discovery. We follow Gururangan et al. (2023) and implement $k$-Means clustering with $k=25$. We name the clusters by the most salient TF-IDF terms at the cluster centroids.

In Figure 4, we plot the distribution of quality ratings across Wikipedia, Book, StackExchange, Github and ArXiv domains. The results align with expectations: The Book domain has high ratings for writing style; a subset of Wikipedia is particularly rich in facts \& trivia; ArXiv requires particularly high expertise. However, each domain contains a wide range of ratings, suggesting that it would be sub-optimal to select data by simply picking domains, e.g., all domains contribute towards the overall top 5\% of documents in terms of educational value.

We visualize the quality ratings for Wikipedia documents across different languages in Figure 4, and notice that the quality ratings exhibit a bias towards English. Since we explicitly instruct GPT-3.5 to ignore language in its judgements in Section 3.2, this highlights the need for more sophisticated approaches to de-bias model judgements.
We visualize the distributions for the cluster in CommonCrawl and C4 in Figure 8 in the appendix. They are similarly encouraging, e.g., the clusters associated with cells,


Figure 4. Distribution of quality ratings, normalized for each criterion to have zero mean and unit standard deviation across the corpus.
protein, gene and energy, climate, species are rated highly on required expertise, educational value, and facts \& trivia. Meanwhile, the book, author cluster tends to obtain high ratings in writing style. However, almost all clusters encompass a wide range of quality ratings.

Comparison to perplexity filtering. We compare sequencelevel log-likelihood scores from Llama-2-7b (Touvron et al., 2023b) with the quality ratings across 1 M training sequences and visualize the relationship in Figure 7 in the appendix. We observe that documents with low quality ratings have a wide range of likelihoods, and the Spearman correlation coefficient varies between 0.50 for writing style to -0.02 for required expertise. Therefore, QuRating is meaningfully different from selecting texts based on perplexity scores from a strong LLM (Marion et al., 2023).

### 6.2. Data Inspection

We study raw documents from each of the domains and clusters discussed in Section 6.1. We select training examples at the 5th, 30th, 70th and 95th percentile for each criterion, and feature random extracts in Appendix F without any cherrypicking. While this is a minute sliver of the training data, the documents still exhibit clear qualitative differences and we invite the reader to inspect them in the appendix.

Behavior on code. Table 14 shows text extracts at different quality percentiles for each of the four criteria on documents from Github. Although not designed for code, the quality ratings correlate with reasonable traits. We notice writing style and facts \& trivia prefer code with comments and documentation; required expertise ranks a CSS stylesheet lowest and embedded system code highest. The document with the 95th percentile educational value rating is a markdown explaining Ruby string manipulation in Spanish. We also highlight that in the StackExchange domain (Table 13), the lowerranked documents include convoluted stack traces, logs, XML, HTML, and CSS documents, while higher-ranked documents contain a mix of code and natural language.

Educational shortcut. We notice a potential shortcoming in the model's understanding of the educational value criterion. Some highly-rated documents are about education-related topics (schools, universities, etc.) but not inherently educational; see Tables 28, 32 and 40. This may be remedied with a better prompt or a stronger judge like GPT-4.

### 6.3. Documenting Social Bias

We apply our data selection pipeline to the AboutMe dataset, (Lucy et al., 2024) which associates 10M webpages with geographic, topical, and social role metadata. Following a setting by the authors, we sample a $10 \%$ subset using QuRating with temperature $\tau=2$. We calculate retention rates by measuring what fraction of the total pages associated with a topic cluster, social role, or geographical region are retained in the $10 \%$ selected subset, where a rate higher or lower than $10 \%$ means that the attribute is amplified or suppressed, respectively. We report the most amplified and suppressed topics, roles, and regions in Table 2.

Compared to prior data selection methods studied by Lucy et al. (2024), we find that the retention rates for QuRating are slightly more balanced. However, sampling is important: In Table 10 in the appendix, we show that the retention rates are far exacerbated in all categories when using top- $k$ selection. Our results share some common trends with prior methods, e.g., topics related to shopping websites-online, store and fashion, women, (brand)—are among the most suppressed across all quality criteria; Lucy et al. (2024) make a similar observation.

We observe that the most amplified attributes reflect the quality criteria: Topics selected with high expertise (research, law, technology, medical, software) are indeed widely considered to require specialized knowledge. Roles associated with research are amplified when we sample based on required expertise, facts \& trivia, and educational value; roles associated with art and writing are amplified if we use the writing style ratings. We observe that documents associated with conventionally female roles (mommy, manicurist,

Table 2. We select $10 \%$ of the webpages in the AboutMe dataset by sampling with different quality criteria and temperature $\tau=2.0$. We report the categories that are most/least retained (amplified/suppressed) in the selected data and report their retention rates in \%.

| Writing Style |  |  |  | Facts \& Trivia |  |  | Educational Value |  |  | Required Expertise |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\uparrow$ Topics: amplified |  | $\downarrow$ Topics: suppressed |  | $\uparrow$ Topics: amplified | $\downarrow$ Topics: suppressed |  | $\uparrow$ Topics: amplified | $\downarrow$ Topics: suppressed |  | $\uparrow$ Topics: amplified | $\downarrow$ Topics: suppressed |  |
| art, gallery | 14 | quality, equipment |  | research, university 16 | fashion, women | 7 | research, university 16 | fashion, women | 6 | research, university 18 | fashion, women | 7 |
| writing, books | 14 | car, vehicle | 7 | energy, water 13 | hair, beauty | 7 | students, school 15 | online, store | 7 | law, legal 15 | online, store | 7 |
| design, designer | 13 | online, store | 7 | community, local 12 | online, store | 7 | children, child 14 | car, vehicle | 7 | solutions, tech. 14 | event, events | 7 |
| photography | 13 | website, information 8 | 8 | film, production 12 | event, events | 8 | health, care 14 | furniture, jewelry | 7 | dr, medical 14 | food, restaurant | 7 |
| life, yoga | 13 | products, quality | 8 | art, gallery 12 | car, vehicle | 8 | dr, medical 14 | event, events | 8 | software, data 13 | furniture, jewelry | 7 |
| $\uparrow$ Roles: amplified |  | $\downarrow$ Roles: suppressed |  | $\uparrow$ Roles: amplified | $\downarrow$ Roles: suppressed |  | $\uparrow$ Roles: amplified | $\downarrow$ Roles: suppressed |  | $\uparrow$ Roles: amplified | $\downarrow$ Roles: suppressed |  |
| art therapist | 17 | mvp | 7 | postdoctoral fellow 19 | manicurist | 6 | pathologist 18 | band | 6 | postdoctoral fellow 22 | mommy | 6 |
| celebrant | 16 | hacker | 8 | research associate 19 | mummy | 6 | lang. pathologist 18 | act | 6 | research associate 21 | crafter | 6 |
| laureate | 16 | youtuber | 8 | research scientist 18 | mama | 7 | postdoctoral fellow 17 | bandleader | 7 | research fellow 2 | momma | 6 |
| travel writer | 16 | breeder | 8 | research fellow 17 | beauty therapist | 7 | classroom teacher 17 | dj | 7 | research scientist 18 | quilter | 6 |
| wedding planner | 16 | system administrator | 9 | geologist 17 | seamstress | 7 | instruct. designer 17 | drummer | 7 | associate professor 18 | florist | 7 |
| $\uparrow$ Regions: amplified |  | $\downarrow$ Regions: suppressed |  | $\uparrow$ Regions: amplified | $\downarrow$ Regions: suppressed |  | $\uparrow$ Regions: amplified | $\downarrow$ Regions: suppressed |  | $\uparrow$ Regions: amplified | $\downarrow$ Regions: suppressed |  |
| Southern Europe | 12 | Eastern Asia | 8 | Central Asia 13 | Southern Asia | 10 | Sub-Sah. Africa 10 | Eastern Asia | 8 | Eastern Europe 12 | Pacific Islands | 10 |
| Western Europe | 12 | Southern Asia |  | Eastern Europe 12 | South-East. Asia | 10 | Northern Europe 10 | Pacific Islands | 9 | Western Europe 12 | North America | 10 |
| Northern Europe | 11 | Central Asia | 9 | Northern Africa 11 | Northern Europe | 10 | Australia \& N.Z. 10 | Southern Asia | 9 | Central Asia 11 | Australia \& N.Z. | 10 |
| Latin Am. \& Carr. | 11 | South-East. Asia | 9 | Western Europe 11 | North America | 10 | North America 10 | South-East. Asia | 9 | Northern Africa 11 | South-East. Asia | 10 |
| Australia \& N.Z. | 11 | Pacific Islands | 9 | Pacific Islands 11 | Eastern Asia | 10 | Western Europe 10 | Southern Europe | 10 | Eastern Asia 11 | Southern Asia | 10 |

Abbreviations: tech. $=$ technology $\mid$ lang. pathologist $=$ language pathologist $\mid$ instruct. designer $=$ instructional designer $\mid$ Latin Am. \& Carr. $=$ Latin America \& Carribean $\mid$ Sub-Sah. $=$ Sub-Saharan
beauty therapist, quilter) are suppressed across the facts \& trivia and required expertise methods. The roles of youtuber and hacker are suppressed when selecting for writing style, suggesting a bias against "internet" language, while documents linked with performing roles (band, act, dj, drummer) are suppressed when selecting for educational value. The geographical trends are less pronounced, but we observe that selection based on writing style exhibits a mild preference towards websites from Europe.

We agree with Lucy et al. (2024) and Dodge et al. (2021) that it is important to study the effect of data filtering on social and geographical representation. The impact on the resulting language models is not well documented yet, but may be understood in terms of representational and allocative harms (Barocas et al., 2017; Suresh \& Guttag, 2021), and potential manifestations include stereotyping (Caliskan et al., 2017; Manzini et al., 2019; Tan \& Celis, 2019; Abid et al., 2021), erasure (Dev et al., 2021), or simply a lack of performance in relevant tasks not considered in traditional benchmarks. We note that web-scraped datasets are already immensely skewed in terms of their social and geographical factors, e.g., by ease of internet access (Bender et al., 2021), and creating a taxonomy of social factors is difficult (Blodgett et al., 2020). Given the broad coverage of web-scale data and the wide range of LLM applications, the question of what would constitute a fair pre-training distribution remains important and up for debate.

## 7. Conclusion

Training corpora for state-of-the-art language models are becoming increasingly large, such that there are concerns that models may run out of data (Muennighoff et al., 2023). However, under resource constraints, selecting data with

QuRating is a promising avenue for improving language models. To facilitate further research, we release the pairwise judgements, the resulting QuRater model, the language model checkpoints and the annotated QuRatedPajama.

Limitations. We note several limitations of our work. QuRating relies on the ability of LLMs to discern text qualities, making it sensitive to biases and limitations of LLMs, and these are still not well understood. The difference between pairwise judgments and scoring individual texts will also vary across LLMs and prompts. Large-scale collection of human quality judgments is needed to better evaluate the robustness of automatic annotations. This will also elucidate the extent of subjective judgment in different qualities. Our paper finds certain social and linguistic biases in the quality ratings, and future work is necessary to study and reduce these biases during data selection, and to investigate the effect on the resulting language models. Finally, our experiments are at a relative small scale (1.3B parameters) and it is not certain whether results will transfer to larger models. We also note that that the best of our four quality criteria may not be optimal. However, QuRating remains a useful framework for exploring other notions of data quality.

## Impact Statement

Language models are increasingly applied in real-world scenarios, and their behavior is inextricably linked to their training data. Data selection may help produce models at lower computational costs, reducing the environmental footprint of model training (Strubell et al., 2019; Lacoste et al., 2019; Patterson et al., 2021), and allowing organizations with relatively fewer resources to train stronger models. Our experiments are still expensive to reproduce, as each training run takes an equivalent of 200 NVIDIA H100 GPU
hours. By studying a set of intuitive qualities as the basis for data selection, our work also sheds light on the relationship between pre-training data and model capabilities.
A number of harmful behaviors of language models trained on large-scale web data are well documented, including exhibiting social biases (Nadeem et al., 2021; Abid et al., 2021) and producing toxic generations (Gehman et al., 2020). We study which social, linguistic, and geographical biases are inherent in our data selection method in Section 6.3 to promote transparency. Future research is necessary to study the effect of such biases. We recommend that in practice, QuRating should be combined with manual curation of certain languages and topics, and the resulting models should be carefully evaluated for biases before wider deployment. We also emphasize that the quality ratings do not measure the social or literary value of a text and should not be used for textual or demographic studies.

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## A. Full Prompts

Our full prompt templates are shown below, where the criteria on the right are substituted for \{criterion\} on the left. We settled on these prompts via a heuristic and iterative process, in which we varied the prompt wording and observed trends on a few examples from SlimPajama (Soboleva et al., 2023). Throughout this project, we used GPT-3.5-turbo, as we decided that it was too expensive to collect large-scale annotations with GPT-4. We believe that future work should take a more principled approach and first curate a high-quality dataset for prompt refinement.
We observe better performance with a short and generic system response, namely You are a helpful assistant. than describing a personality with expert skills in all subjects. The effect of different personalities on the subjective judgements in our data selection method is an interesting avenue for future work.
To validate our prompts, we handpick 40 documents from the web that correspond to what we believe should be either highly and poorly rated documents for each criterion. Note that we do not use these data points for prompt refinement. We report the data sources of this dataset in Table 3 below. Our prompts achieve $97.6 \%$ agreement for writing style, $91.9 \%$ agreement on facts \& trivia, $98.2 \%$ agreement for educational value and $98.5 \%$ agreement for required expertise.

We add additional instructions that the judgement should not be influenced by the languages present in the texts, the length of the texts-although for the final dataset we compare texts with the same number of tokens-and the order in which the texts are presented. However, these instructions do not suffice to overcome these biases. For example, we observe that GPT-3.5-turbo still exhibits positional bias.


Table 3. For each of our criteria, we curate 40 documents that exhibit particularly strong or weak qualities. We use this data for prompt tuning and validating model performance. This table gives a description of the sources of documents in this validation set. Examples with citations come from existing NLP datasets.

| Criterion |  | Sources |
| :---: | :---: | :---: |
| Writing Style | High | 11 featured Wikipedia articles, 10 fiction books, 8 academic papers, 6 famous speeches, 3 Supreme Court decisions, 2 Shakespeare texts |
|  | Low | 10 Yelp reviews (Zhang et al., 2015), 10 spam messages (Almeida \& Hidalgo, 2012), 10 tables/lists, 5 Amazon product reviews, and 3 Enron spam e-mails (Metsis et al., 2006) |
| Facts \& Trivia | High | 21 niche Wikipedia articles, 12 fun fact lists, 7 IMDb trivia sections |
|  | Low | 15 Wikipedia summaries of Pixar movies, 15 books (Gao et al., 2020), 5 poems, 5 textbook explanations |
| Educational Value | High | 13 Khan Academy explanations (across subjects), 8 science textbooks, 6 history textbooks, 5 high-level Wikipedia articles |
|  | Low | 10 Reality TV transcripts, 10 fantasy/sci-fi books, 10 niche Wikipedia articles, 7 gossip news posts, 3 obscure WikiHow articles |
| Required Expertise | High | 15 Wikipedia articles, 12 technical academic papers, 9 advanced textbook excerpts, 4 patents/laws |
|  | Low | 10 WikiHow articles, 10 Children's books, 5 nursery rhymes, 5 miscellaneous how-to articles |

Table 4. We handpick a list of 10 documents from various sources and present a ranking which, in the authors' view, reflect steady decreases in writing style, allowing us to test the nuance of LLM judgments.

| Rank | Text | Description |
| :---: | :---: | :---: |
| 1 | Amory Blaine inherited from his mother every trait, except the stray inexpressible few, that made him worth while. His father, an ineffectual, inarticulate man with a taste for Byron and a habit of drowsing over the Encyclopedia Britannica, grew wealthy at thirty through the death of two elder brothers, successful Chicago brokers, and in the first flush of feeling that the world was his, went to Bar Harbor and met Beatrice o'Hara. In consequence, Stephen Blaine handed down to posterity his height of ... | F. Scott Fitzgerald's This Side of Paradise |
| 2 | Technologies for making and manipulating DNA have enabled advances in biology ever since the discovery of the DNA double helix. But introducing site-specific modifications in the genomes of cells and organisms remained elusive. Early approaches relied on the principle of site-specific recognition of DNA sequences by oligonucleotides, small molecules, or self-splicing introns. More recently, the site-directed zinc finger nucleases (ZFNs) and TAL effector nucleases (TALENs) using the principle of site-specific ... | CRISPR-Cas9 paper abstract (Doudna \& Charpentier, 2014) |
| 3 | The winter of 1906-07 was the coldest in Alberta's history and was exacerbated by a shortage of coal. One cause of this shortage was the strained relationship between coal miners and mine operators in the province. At the beginning of April 1907, the Canada West Coal and Coke Company locked out the miners from its mine near Taber. The same company was also facing a work stoppage at its mine in the Crow's Nest Pass, where miners were refusing to sign a new contract. The problem spread until by April ... | featured Wikipedia article |
| 4 | On December 3, Venezuela held a controversial referendum over a claim to the oil-rich Essequibo region controlled by Guyana. That same day, the Vice President of Venezuela, Delcy Rodríguez, shared a video on X, formerly Twitter, showing a group of Indigenous people lowering a Guyanese flag and hoisting a Venezuelan flag in its stead over the territory, which is also known as Guayana Esequiba. 'Glory to the brave people!' she wrote, which is the first line of the country's national anthem. The post came... | Bellingcat news article (Ramalho, 2023) |
| 5 | The Godfather is one of the most praised movies in cinema history. It gives everything that critics and audiences alike ask for in movies. In my opinion it gets all the attention it gets for being one of, or the best movies ever. One of the best things The Godfather does is its incredible casting and its iconic performances from each and every one of its characters. The actors are so convincing that it won the movie several academy awards. It also jumpstarted several actors, acting careers, and gave an ... | IMDb movie review |
| 6 | The food is good, but not a great value. Up front, I will just say, do not waste your time getting traditional sushi here because tbh it's not really that much better. For example, we ordered some maki and nigiri and while it was good, it wasn't that much better than our fave sushi places. Instead, come here for their signature dishes and you'll probably be happier. We really enjoyed some of their signature dishes. We dined as a party of 4 and we had: Spicy edamame: tasty and spicy! Yellowtail... | yelp restaurant review |
| 7 | My Father worked for a Forbes 500 company since the 70 s. Moved up the ranks as a software engineer and management, has patents for the company that saved it millions of dollars. He's almost to pension age and suddenly HR starts making his life miserable. He noticed this trend was happening to some of his coworkers when they were getting close to age 60 as well. HR Lady calls him into the office and says that he was not punching in and out at the correct time. My Father, an engineer, is very very ... | reddit post |
| 8 | THE ADVENTURE OF LINA AND HER ADVENTUROUS DOG SHERU Lina was a normal girl like any girl. She lived in the hills. She went to the top of the hills and she looked behind a special bush under the rearest of pine trees. She saw many pines behind it, but when she moved the pines she found a large piece of paper in which something was writen.Lina, Lina said her mother.GET UP!!You're late for school!!Oh mom!I'm too tired.Come on you have to go, no arguements.Lina was from a rich family. She lived in Los Anjilous ... | childhood composition by friend of author |
| 9 | "Sunshine Quiz Wkly Q! Win a top Sony DVD player if u know which country the Algarve is in? Txt ansr to 82277. Â£1.50 SP:Tyrone Customer service annoncement. You have a New Years delivery waiting for you. <br> Please call 07046744435 now to arrange delivery You are a winner $U$ have been specially selected 2 receive $\hat{A} £ 1000$ cash or a 4* holiday (flights inc) speak to a live operator 2 claim 0871277810810 URGENT! We are trying to contact you. Last weekends draw shows that you have won a Â£900 prize... | concatenated spam messages (Almeida \& Hidalgo, 2012) |
| 10 | cRjp7tQcwHoNERPRhj7HbiDuessoBAk18uM0GMr3u8QsHfyGaK7x0vC3L0YGGLA7Gh240GKhD jNwoaBtQubP8tbwrKJCSmRkUbg9aHzo QA4SLWbKcEVAiTfcQ68eQtnIF1IhOoQXLM7R1SHBCqibUCY3Rd0oDHSvgiuMduMDLPwcOxxHCCc7yoQxXRr3qNJuROnWSuEHX5WkwNRS ef5ssqSPXauLOB95CcnWGwblooLGelodhlLEUGI5HeECFkfvtNBgNsn5En628MrUyyFhrqnuFNKiKkXA61oqaGe1zrO3cD0ttidD ... | randomly generated alphanumeric string |

## B. QuRater Model

## B.1. Judgment Dataset

We use GPT-3.5-turbo to generate 20 predictions of either "A" or "B" for a criterion and a pair of documents in either order. When we conducted this work, we did not have access to the logits of the model, and therefore reconstruct the model confidence through multiple generations. We prompt the LLM for each criterion separately, as we observed in our exploration that performance deteriorated when querying for all criteria together.

We also observe that GPT-3.5-turbo struggles to be decisive when queried with a pair of long documents, i.e., it reverts to choosing the document purely based on positional bias. We tackle this problem by only ranking pairs of short text snippets. Specifically, we randomly extract segments of $n$ tokens (with respect to the Llama tokenizer (Touvron et al., 2023a)) for each pair, where $n$ is chosen randomly according to $n \sim$ Uniform $[256,512]$ in half of cases and $n=512$ otherwise.

Table 5 shows the statistics after querying with 250 K pairs. Note that we only obtain judgements on the English subset of Wikipedia, instead of all the languages present in the Wikipedia split of RedPajama (TogetherAI, 2023). For a small subset of queries, we do not obtain predictions, as they are blocked by OpenAI and Azure content filters. The cost for creating this dataset was $\$ 2820$.

Figure 5 shows that while GPT-3.5-turbo predictions are all positively correlated, the Pearson correlation coefficients are less than 0.6 , and therefore will differ on many documents. The correlations are typically in the range of $0.45-0.55$, except between required expertise and writing style, which have a correlation of 0.29 .


Figure 5. Pearson correlation coefficients between our criteria for predictions made by GPT-3.5-turbo.

Table 5. Statistics of the qualitative choices generated by GPT-3.5-turbo. While we query with 250 K pairs, we do not obtain labels for a small subset due to OpenAI and Azure content filters. The confidence margin for a prediction between $\left(t_{A}, t_{B}\right)$ is defined as $\left|p_{A}-p_{B}\right|=\left|2 p_{B \succ A}-1\right|$.

| Domains | \# Pairs | \# Pairs w/ confidence margin $\geq 50 \%$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Writing Style | Facts \& Trivia | Educational Value | Required Expertise |
| CommonCrawl $\cup$ C4 | 124,731 | 95,739 | 88,954 | 92,658 | 96,633 |
| Wikipedia (English) | 10,104 | 7,093 | 6,398 | 7,418 | 7,136 |
| Book | 9,756 | 6,828 | 6,979 | 7,181 | 7,037 |
| StackExchange | 10,185 | 4,927 | 4,524 | 6,780 | 6,740 |
| Github | 10,514 | 2,802 | 2,901 | 7,408 | 6,553 |
| ArXiv | 10,401 | 5,019 | 5,042 | 6,261 | 5,637 |
| other | 69,966 | 54,578 | 50,200 | 46,059 | 54,390 |
| Overall | 245,657 | 176,986 | 164,998 | 173,765 | 184,126 |

Table 6. We compare held-out accuracy of training a multi-task QuRater model vs. training separate QuRater models. The multi-task QuRater model is trained with separate prediction heads per criterion. We also show an ablation where we train the QuRater model from scratch instead of initializing with Sheared-Llama-1.3B (Xia et al., 2024). During the evaluation, we only predict on text pairs with confident judgement labels, i.e. a confidence (conf.) margin (defined as $\left|p_{A}-p_{B}\right|=\left|2 p_{B \succ A}-1\right|$ ) greater than $50 \%$ or $80 \%$.

| Evaluation <br> dataset | Conf. <br> margin | Writing <br> Style |  <br> Trivia | Edu. <br> Value | Required <br> Expertise |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Vulti-task | model |  |  |  |  |
| Validation | $50 \%$ | 94.5 | 93.5 | 93.6 | 95.1 |
| C4 | $80 \%$ | 97.3 | 97.1 | 95.9 | 97.8 |
| Wikipedia (en) | $50 \%$ | 95.1 | 95.4 | 94.8 | 96.4 |
| Book | $50 \%$ | 94.4 | 90.1 | 93.3 | 95.6 |
| StackExchange | $50 \%$ | 92.3 | 93.4 | 94.9 | 94.6 |
| Github | $50 \%$ | 94.5 | 92.1 | 91.8 | 92.5 |
| ArXiv | $50 \%$ | 92.9 | 94.3 | 88.8 | 93.0 |
| Separate models |  |  |  |  |  |
| Validation | $50 \%$ | 94.4 | 93.4 | 93.1 | 94.9 |
|  | $80 \%$ | 97.3 | 97.1 | 95.5 | 97.8 |
| Randomly initialized model |  |  |  |  |  |
| Validation | $50 \%$ | 86.5 | 85.2 | 85.3 | 88.1 |
|  | $80 \%$ | 90.5 | 90.1 | 88.3 | 92.5 |

Table 7. Number of sequences in the 260B token corpus from which we select data. The data is a subset of SlimPajama, where each document is processed into sequences of exactly 1024 tokens. Therefore, the proportion of domains is different from the raw SlimPajama.

| Domain | \# Sequences | \# Tokens | Proportion |
| :--- | ---: | ---: | ---: |
| CommonCrawl | $153,437,203$ | $157,119,695,872$ | 60.4 |
| C4 | $40,991,721$ | $41,975,522,304$ | 16.1 |
| ArXiv | $16,513,627$ | $16,909,954,048$ | 6.5 |
| Book | $15,676,440$ | $16,052,674,560$ | 6.2 |
| Github | $14,806,859$ | $15,162,223,616$ | 5.8 |
| Wikipedia | $7,741,248$ | $7,927,037,952$ | 3.0 |
| StackExchange | $4,974,184$ | $5,093,564,416$ | 2.0 |
| Total | $254,141,282$ | $260,240,672,768$ | 100.0 |

## B.2. QuRater Training

We fine-tune QuRater models using Sheared-Llama-1.3B (Xia et al., 2024), a pruned version of Llama-2-7B (Touvron et al., 2023b). We add four linear regression heads to the transformer outputs at the last token of the sequence, which predict the quality ratings across the four criteria. This multi-task setup allows for fast inference of all criteria in one forward pass. We only train and evaluate on judgements that have a confidence margin of at least $50 \%$, where the confidence margin is defined as $\left|p_{A}-p_{B}\right|=\left|2 p_{B \succ A}-1\right|$ for a prediction between $\left(t_{A}, t_{B}\right)$, since non-confident predictions contain little signal on data quality, and can be caused by GPT-3.5-turbo's positional bias. Table 5 shows the effect of this filtering on dataset statistics. We use a random $10 \%$ of the dataset as a held-out validation split for early stopping and hyperparameter selection. For early stopping, we choose based on held-out accuracy averaged across all criteria.
We search over the following hyperparameter grid: learning rate $\in\left\{2 \times 10^{-5}, 5 \times 10^{-5}\right\}$, number of epochs $\in\{2,4\}$, batch size of 512. Model selection is based on which model achieves the best validation examples on the criterion with lowest performance overall. The selected model was trained with a learning rate of $5 \times 10^{-5}$ and is trained for 2 epochs.

In Table 6, we report accuracy on the validation set, as well on specially procured test sets of 1,428 pairs of texts from specific domains. We confirm that performance increases when evaluating only on confident GPT-3.5-turbo's judgements, where educational value is the hardest category to predict. Finally, we compare to separately fine-tuned models and model trained from a random initialization. Multi-task fine-tuning usually gives comparable or better performance, and a pre-trained initialization helps substantially in this task.

## C. Connection of Exponential Sampling to RLHF

In RLHF (Ouyang et al., 2022), a language model $p(y \mid x)$ is fine-tuned to produce outputs $y$ given inputs $x$ that maximize a reward $r(x, y)$ subject to a relaxed KL constraint with respect to a reference langugage model $p_{\text {ref }}(y \mid x)$,

$$
p^{*}(y \mid x)=\underset{p}{\arg \max } \underset{y \sim p(\cdot \mid x)}{\mathbb{E}}\left[r(y)-\tau \log \frac{p(y \mid x)}{p_{\text {ref }}(y \mid x)}\right]
$$

Typically, the rewards encourage the model to act in a helpful and harmless manner (Bai et al., 2022).
It can be shown that this admits the closed-form solution (Korbak et al., 2022b; Rafailov et al., 2023; Go et al., 2023; Korbak et al., 2022a)

$$
p^{*}(y \mid x)=\frac{1}{Z(x)} p_{\text {ref }}(y \mid x) \exp \left(\frac{r(x, y)}{\tau}\right)
$$

Consider the following setting: (1) we use the QuRater model $s(y)$ as reward model not conditioned on any user input, (2) the reference model is a language model $p_{\mathcal{D}}(y)$ pre-trained on a corpus $\mathcal{D}$. In that case, we write the optimal policy as:

$$
p^{*}(y)=\frac{1}{Z} p_{\mathcal{D}}(y) \exp \left(\frac{s(y)}{\tau}\right)
$$

We compare this optimal model with the model obtained from maximum log-likelihood optimization (i.e. language model training), where a document $y$ is resampled with a probability $\propto \exp \left(\frac{s(y)}{\tau}\right)$. Let $\hat{p}_{\mathcal{D}}(y)$ be the underlying data distribution of the training corpus $\mathcal{D}$, resulting in the weighted cross-entropy objective,

$$
\underset{p}{\arg \max } \sum_{y} \exp (s(y) / \tau) p_{\mathcal{D}}(y) \log p(y)
$$

which in practice is approximated via MonteCarlo sampling and importance resampling with the exponential quality ratings. The optimal model to this objective is $\hat{p}_{\mathcal{D}}(y) \exp \left(\frac{s(y)}{\tau}\right)$. Assuming $\mathcal{D}$ is large and $p_{\mathcal{D}}(y)$ approximates $\hat{p}_{\mathcal{D}}(y)$ sufficiently well, the maximum likelihood solution to the resampled distribution will approximate the optimal policy $p *(y)$.
In summary, our sampling strategy is equivalent to (1) training a language model on the entire dataset, and then (2) using RLHF to guide the language model towards generating documents with higher quality ratings.

## D. Experimental Details

Each data selection method retains the original domain proportions between the RedPajama subsets. Table 7 shows the domain statistics of the 260B QuRatedPajama, from which we select 30B tokens using different data selection methods. QuRatedPajama is a curated subset of SlimPajama, which is itself a subset of RedPajama. Both SlimPajama and RedPajama are released on HuggingFace under the Apache 2.0 License.
We use a global batch size of 2048 sequences and a learning rate of $5 \times 10^{-4}$ with a cosine learning rate decay to $5 \times 10^{-5}$ and a linear warmup for the first $5 \%$ of training steps. Each model is trained on 8x NVIDIA H100, which costs 200 GPU hours for 30B tokens. We use a weight decay of 0.1 and train with Adam (Kingma \& Ba, 2015) with hyperparameters $\beta=(0.9,0.95)$. We train a 1.3B parameter transformer model with RoPE embedding (Su et al., 2024) and SwiGLU activations (Shazeer, 2020).

In-context learning settings. We choose a different number of few-shot examples per task to ensure that all demonstrations fit within the context window of 1024 tokens. We use the following number of demonstrations (given in parentheses): ARC-easy (15), ARC-challenge (15), SciQA (2), LogiQA (2), BoolQ (0), HellaSwag (6), PIQA (6), WinoGrande (15), NQ (10), MMLU (10). We report accuracy for all tasks, except for NQ, where we report EM. When available, we use the normalized accuracy metric provided by lm-evaluation-harness.

Detailed results. We feature the full perplexity results in Table 8, including the perplexity for each of the RedPajama subsets. Table 9 contains the ICL performance for all models. The performance of the curriculum models is featured at the top of the tables. In Figure 6, we plot the relationship between perplexity and ICL task performance across models.











| Required Exp. - lowest | $\bullet$ | Edu. Value - lowest |
| :--- | :--- | :--- | :--- | :--- | :--- |$\quad \bullet \quad$ Writing Style - lowest $\quad \bullet \quad$ Facts \& Trivia - lowest $\quad \bullet \quad$ Criteria mix $\quad \bullet \quad$ Perplexity

Figure 6. We plot the relationship between the perplexity results and in-context learning performance of models in Tables 8 and 9. While prior work has found perplexity to be a good predictor of downstream task performance when varying model parameters and number of training tokens (Xia et al., 2023; Du et al., 2024), we observe that this is not true when varying the training distribution.

Table 8. Held-out per-token perplexity per RedPajama domain between language models trained on 30B tokens from different data selection methods. We highlight the best result in each column (before rounding). bottom- $k$ and inv. denote inverse sampling, in which we sample documents with the lowest quality ratings. Abbreviations: HellaSw. = HellaSwag, W.G. = WinoGrande, exp. = expertise.

| Selection Method |  | CC | C4 | Github | Wiki | ArXiv | StackEx | Book | Overall |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Uniform |  | 9.81 | 11.66 | 2.58 | 9.46 | 5.21 | 4.31 | 12.04 | 8.96 |
| + curriculum: low-to-high exp. |  | $9.76{ }^{\downarrow 0.05}$ | $11.70{ }^{\uparrow 0.04}$ | $2.56{ }^{\downarrow 0.02}$ | $9.30{ }^{\downarrow 0.16}$ | $5.11{ }^{\downarrow 0.10}$ | $4.28{ }^{\downarrow 0.03}$ | $11.92^{\downarrow 0.12}$ | $8.92{ }^{\downarrow 0.04}$ |
| + curriculum: high-to-low exp. |  | $9.80{ }^{\downarrow} 0.01$ | $11.58{ }^{\downarrow 0.08}$ | $2.56{ }^{\downarrow 0.02}$ | $9.37 \downarrow 0.09$ | $5.40{ }^{\uparrow 0.19}$ | $4.26{ }^{\downarrow 0.05}$ | $12.08{ }^{\uparrow 0.04}$ | $8.96{ }^{\uparrow 0.00}$ |
| DSIR | Wiki | $11.10{ }^{\uparrow 1.29}$ | $15.19{ }^{\uparrow 3.53}$ | $3.07{ }^{\uparrow 0.49}$ | $18.26{ }^{\uparrow 8.80}$ | $6.24{ }^{\uparrow 1.03}$ | $5.09{ }^{\uparrow 0.78}$ | $14.47{ }^{\uparrow 2.43}$ | $10.67^{\uparrow 1.71}$ |
|  | Books | $11.97{ }^{\uparrow 2.16}$ | $14.56{ }^{\uparrow 2.90}$ | $3.03{ }^{\uparrow 0.45}$ | $22.75{ }^{\uparrow 13.29}$ | $6.18{ }^{\uparrow 0.97}$ | $5.03{ }^{\uparrow 0.72}$ | $12.21{ }^{\uparrow 0.17}$ | $11.00{ }^{\uparrow 2.04}$ |
| Perplexity | lowest | $12.93{ }^{\uparrow 3.12}$ | $15.57{ }^{\uparrow 3.91}$ | $3.32{ }^{\uparrow 0.74}$ | $14.43{ }^{\uparrow 4.97}$ | $6.17{ }^{\text {¢0.96 }}$ | $5.50 \uparrow 1.19$ | $18.49{ }^{\uparrow 6.45}$ | $11.92{ }^{\uparrow 2.96}$ |
|  | highest | $11.06{ }^{\uparrow 1.25}$ | $13.06{ }^{\uparrow 1.40}$ | $2.90{ }^{\uparrow 0.32}$ | $10.58{ }^{\uparrow 1.12}$ | $5.56{ }^{\uparrow 0.35}$ | $4.64{ }^{\uparrow 0.33}$ | $12.14{ }^{\uparrow 0.10}$ | $9.97 \uparrow 1.01$ |
| Writing Style | top-k | $11.50 \uparrow 1.69$ | $14.56{ }^{\uparrow 2.90}$ | $2.98{ }^{\uparrow 0.40}$ | $16.52 \uparrow 7.06$ | $5.37{ }^{\text {¢0.16 }}$ | $5.04{ }^{\uparrow 0.73}$ | $12.03{ }^{\downarrow 0.01}$ | $10.53{ }^{\uparrow 1.57}$ |
|  | $\tau=1.0$ | $9.89 \uparrow 0.08$ | $12.11{ }^{\uparrow 0.45}$ | $2.57 \downarrow^{\downarrow .01}$ | $9.70 \uparrow 0.24$ | $5.14{ }^{\downarrow 0.07}$ | $4.35{ }^{\uparrow 0.04}$ | $11.62{ }^{\downarrow 0.42}$ | $9.04{ }^{\uparrow 0.08}$ |
|  | $\tau=2.0$ | $9.74 \downarrow^{\downarrow} 0.07$ | $11.74{ }^{\uparrow 0.08}$ | $2.56{ }^{\downarrow 0.02}$ | $9.40{ }^{\downarrow 0.06}$ | $5.14{ }^{\downarrow 0.07}$ | $4.28{ }^{\downarrow 0.03}$ | $11.70{ }^{\downarrow 0.34}$ | $8.90 \downarrow^{\downarrow 0.06}$ |
| Facts \& Trivia | top-k | $10.92 \uparrow 1.11$ | $14.68{ }^{\uparrow 3.02}$ | $2.99{ }^{\uparrow 0.41}$ | $32.15{ }^{\text {¢22.69 }}$ | $5.53{ }^{\uparrow 0.32}$ | $5.15{ }^{\uparrow 0.84}$ | $13.92{ }^{\uparrow 1.88}$ | $10.56{ }^{\uparrow 1.60}$ |
|  | $\tau=1.0$ | $9.81{ }^{\uparrow 0.00}$ | $12.40{ }^{\uparrow 0.74}$ | $2.57 \downarrow^{\downarrow .01}$ | $10.38{ }^{\uparrow 0.92}$ | $5.13{ }^{\downarrow 0.08}$ | $4.33{ }^{\uparrow 0.02}$ | $12.16{ }^{\uparrow 0.12}$ | $9.08{ }^{\uparrow 0.12}$ |
|  | $\tau=2.0$ | $9.70{ }^{\downarrow} 0.11$ | $11.86{ }^{\uparrow 0.20}$ | $2.55^{\downarrow 0.03}$ | $9.61{ }^{\uparrow 0.15}$ | $5.12 \downarrow^{\downarrow .09}$ | $4.27{ }^{\downarrow} 0.04$ | $11.96{ }^{+0.08}$ | $8.91 \downarrow^{\downarrow .05}$ |
| Educational Value | top-k | $11.41 \uparrow 1.60$ | $14.30{ }^{\uparrow 2.64}$ | $2.94{ }^{\uparrow 0.36}$ | $18.66^{\uparrow 9.20}$ | $5.26{ }^{\uparrow 0.05}$ | $4.90{ }^{\uparrow 0.59}$ | $14.22{ }^{\uparrow 2.18}$ | $10.59{ }^{\uparrow 1.63}$ |
|  | $\tau=1.0$ | $9.92 \uparrow 0.11$ | $12.11{ }^{\uparrow 0.45}$ | $2.57{ }^{\downarrow} 0.01$ | $10.04{ }^{\uparrow 0.58}$ | $5.07 \downarrow 0.14$ | $4.31{ }^{\uparrow 0.00}$ | $12.14{ }^{\uparrow 0.10}$ | $9.08{ }^{\uparrow 0.12}$ |
|  | $\tau=2.0$ | $9.74 \downarrow^{\downarrow} 0.07$ | $11.71{ }^{\uparrow 0.05}$ | $2.55{ }^{\downarrow} 0.03$ | $9.51 \uparrow 0.05$ | $5.09 \downarrow^{\downarrow .12}$ | $4.26{ }^{\text {d.05 }}$ | $11.93{ }^{\downarrow 0.11}$ | $8.91 \downarrow^{\downarrow .05}$ |
| Required Expertise | top-k | $12.67{ }^{\uparrow 2.86}$ | $16.74 \uparrow 5.08$ | $3.03 \uparrow 0.45$ | $14.63 \uparrow 5.17$ | $5.08{ }^{\downarrow 0.13}$ | $5.33{ }^{\uparrow 1.02}$ | $15.12{ }^{\uparrow 3.08}$ | $11.54{ }^{\uparrow 2.58}$ |
|  | $\tau=1.0$ | $9.95{ }^{\uparrow 0.14}$ | $12.35{ }^{\uparrow 0.69}$ | $2.57 \downarrow^{\downarrow .01}$ | $9.50 \uparrow 0.04$ | $5.03{ }^{\downarrow} \mathbf{0 . 1 8}$ | $4.29{ }^{\downarrow .02}$ | $12.09{ }^{\uparrow 0.05}$ | $9.11{ }^{\uparrow 0.15}$ |
|  | $\tau=2.0$ | $9.77 \downarrow 0.04$ | $11.83{ }^{\uparrow 0.17}$ | $2.55^{\downarrow 0.03}$ | $9.31 \downarrow^{\downarrow .15}$ | $5.09{ }^{\downarrow 0.12}$ | $4.25^{\downarrow 0.06}$ | $11.92{ }^{\downarrow 0.12}$ | $8.93{ }^{\downarrow 0.03}$ |
| Criteria mix | $\tau=2.0$ | $9.71{ }^{\downarrow} 0.10$ | $11.75{ }^{\uparrow 0.09}$ | $2.55{ }^{\downarrow} 0.03$ | $9.60{ }^{\uparrow 0.14}$ | $5.12{ }^{\downarrow .09}$ | $4.27{ }^{\downarrow} 0.04$ | $11.83{ }^{\downarrow 0.21}$ | $8.90{ }^{\downarrow 0.06}$ |
| Writing Style | bottom-k | $12.16^{\uparrow 2.35}$ | $14.31{ }^{\uparrow 2.65}$ | $3.07{ }^{\uparrow 0.49}$ | $12.71{ }^{\uparrow 3.25}$ | $6.00^{\uparrow 0.79}$ | $4.91{ }^{\uparrow 0.60}$ | $16.29{ }^{\uparrow 4.25}$ | $11.10{ }^{\uparrow 2.14}$ |
|  | inv. $\tau=1.0$ | $10.08{ }^{\uparrow 0.27}$ | $11.72 \uparrow{ }^{\uparrow} 0.06$ | $2.57 \downarrow^{\downarrow} .01$ | $9.59 \uparrow 0.13$ | $5.27{ }^{\uparrow 0.06}$ | $4.26{ }^{\downarrow 0.05}$ | $12.80{ }^{\uparrow 0.76}$ | $9.16{ }^{\uparrow 0.20}$ |
|  | inv. $\tau=2.0$ | $9.83 \uparrow 0.02$ | $11.52{ }^{\downarrow 0.14}$ | $2.55^{\downarrow 0.03}$ | $9.35{ }^{\downarrow 0.11}$ | $5.20{ }^{\downarrow 0.01}$ | $4.24{ }^{\text {-0.07 }}$ | $12.27{ }^{\uparrow 0.23}$ | $8.96{ }^{10.00}$ |
| Facts \& Trivia | bottom-k | $12.10^{\uparrow 2.29}$ | $13.30^{\uparrow 1.64}$ | $3.27{ }^{\uparrow 0.69}$ | $11.48{ }^{\uparrow 2.02}$ | $6.57{ }^{\uparrow 1.36}$ | $5.22 \uparrow 0.91$ | $14.20{ }^{\uparrow 2.16}$ | $10.90{ }^{\uparrow 1.94}$ |
|  | inv. $\tau=1.0$ | $10.16{ }^{\uparrow 0.35}$ | $11.56{ }^{\downarrow 0.10}$ | $2.59{ }^{\uparrow 0.01}$ | $9.45{ }^{\downarrow 0.01}$ | $5.38{ }^{\uparrow 0.17}$ | $4.32{ }^{\uparrow 0.01}$ | $12.32{ }^{\uparrow 0.28}$ | $9.17{ }^{\uparrow 0.21}$ |
|  | inv. $\tau=2.0$ | $9.88{ }^{\uparrow 0.07}$ | $11.45{ }^{\downarrow 0.21}$ | $2.56{ }^{\downarrow 0.02}$ | $9.28{ }^{\downarrow 0.18}$ | $5.24{ }^{\uparrow 0.03}$ | $4.27{ }^{\downarrow .04}$ | $12.05^{\uparrow 0.01}$ | $8.97{ }^{\uparrow 0.01}$ |
| Educational Value | bottom-k | $12.29{ }^{\uparrow 2.48}$ | $14.37{ }^{\uparrow 2.71}$ | $3.45^{\uparrow 0.87}$ | $11.99^{\uparrow 2.53}$ | $6.33{ }^{\uparrow 1.12}$ | $5.61{ }^{\uparrow 1.30}$ | $14.90^{\uparrow 2.86}$ | $11.23{ }^{\uparrow 2.27}$ |
|  | inv. $\tau=1.0$ | $10.14{ }^{\uparrow 0.33}$ | $11.84{ }^{\uparrow 0.18}$ | $2.63{ }^{\uparrow 0.05}$ | $9.46 \uparrow 0.00$ | 5.39 ¢0.18 | $4.42{ }^{\uparrow 0.11}$ | $12.44{ }^{\uparrow 0.40}$ | $9.22{ }^{\uparrow 0.26}$ |
|  | inv. $\tau=2.0$ | $9.85{ }^{\uparrow 0.04}$ | $11.56{ }^{\downarrow 0.10}$ | $2.58{ }^{\downarrow 0.00}$ | $9.28{ }^{\downarrow 0.18}$ | $5.25{ }^{\uparrow 0.04}$ | $4.31{ }^{\downarrow} 0.00$ | $12.09{ }^{\uparrow 0.05}$ | $8.98{ }^{\uparrow 0.02}$ |
| Required Expertise | bottom-k | $12.35{ }^{\uparrow 2.54}$ | $13.83{ }^{\uparrow 2.17}$ | $3.63{ }^{\uparrow 1.05}$ | $13.22{ }^{\uparrow 3.76}$ | $6.45{ }^{\uparrow 1.24}$ | $5.72{ }^{\uparrow 1.41}$ | $15.08{ }^{\uparrow 3.04}$ | $11.28^{\uparrow 2.32}$ |
|  | $\text { inv. } \tau=1.0$ | $10.07{ }^{\uparrow 0.26}$ | $11.60{ }^{\downarrow 0.06}$ | $2.64 \uparrow 0.06$ | $9.70 \uparrow 0.24$ | $5.38 \uparrow 0.17$ | $4.42 \uparrow 0.11$ | $12.39 \uparrow 0.35$ | $9.16^{\uparrow 0.20}$ |
|  | $\text { inv. } \tau=2.0$ | $9.82{ }^{\uparrow 0.01}$ | $11.46{ }^{\downarrow 0.20}$ | $2.58{ }^{\downarrow 0.00}$ | $9.43{ }^{\downarrow 0.03}$ | $5.25{ }^{\uparrow 0.04}$ | $4.31{ }^{\downarrow 0.00}$ | $12.07{ }^{\uparrow 0.03}$ | $8.95{ }^{\downarrow 0.01}$ |
| $\text { Uniform }+50 \% \text { data }$ |  | $9.25^{\downarrow 0.56}$ | $10.97{ }^{\downarrow 0.69}$ | $2.47{ }^{\downarrow 0.11}$ | $8.61{ }^{\downarrow 0.85}$ | $4.98^{\downarrow 0.23}$ | $4.08^{\downarrow 0.23}$ | $11.34{ }^{\downarrow 0.70}$ | $8.46{ }^{\downarrow 0.50}$ |

Table 9. The in-context learning performance across all our models. We report accuracy for all tasks, except for NQ, where we report EM, and highlight the best result in each column (before rounding). bottom- $k$ and inv. denote inverse sampling, in which we sample documents with the lowest quality ratings. Abbreviations: HellaSw. = HellaSwag, W.G. $=$ WinoGrande, exp. $=$ expertise.

| Selection Method |  | Reading Comprehension |  |  |  |  | Commonsense Reasoning |  |  | World Knowledge |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ARC-E <br> (15) | ARC-C <br> (15) | SciQ <br> (2) | LogiQA <br> (2) | BoolQ <br> (0) | HellaSw. <br> (6) | PIQA <br> (6) | W.G. <br> (15) | $\begin{aligned} & \text { NQ } \\ & (10) \end{aligned}$ | $\underset{(5)}{\mathbf{M M L U}}$ | Average |
| Uniform |  | 57.5 | 27.6 | 87.7 | 24.1 | 57.5 | 44.0 | 68.6 | 52.5 | 4.1 | 25.7 | 44.9 |
| + curriculum: low-to-high exp. |  | $58.0{ }^{\text {¢0.5 }}$ | $28.1{ }^{\uparrow 0.5}$ | $87.0{ }^{\text {+0.7 }}$ | $26.0{ }^{\uparrow 1.9}$ | $59.6{ }^{\uparrow 2.1}$ | $43.7{ }^{+0.3}$ | $67.5{ }^{\text {+1.1 }}$ | $53.9{ }^{\uparrow 1.4}$ | $4.8{ }^{\uparrow 0.7}$ | $26.4{ }^{\uparrow 0.7}$ | $45.5{ }^{\uparrow 0.6}$ |
| + curriculum: high-to-low exp. |  | $56.6{ }^{\downarrow 0.9}$ | $28.8{ }^{\uparrow 1.2}$ | $89.7{ }^{\text {¢2.0 }}$ | $24.3 \uparrow{ }^{\uparrow 0.2}$ | $55.2{ }^{\downarrow 2.3}$ | $44.7{ }^{\uparrow 0.7}$ | $69.3{ }^{\text {¢0.7 }}$ | $53.0{ }^{\uparrow 0.5}$ | $5.5{ }^{\uparrow 1.4}$ | $27.2{ }^{\uparrow 1.5}$ | $45.4{ }^{\uparrow 0.5}$ |
| DSIR | Wiki | $52.8{ }^{\downarrow 4.7}$ | $26.3{ }^{\downarrow 1.3}$ | $85.9{ }^{\downarrow 1.8}$ | $25.2{ }^{\uparrow 1.1}$ | $60.3{ }^{\text {¢2.8 }}$ | $35.8{ }^{+8.2}$ | $61.4{ }^{\downarrow 7.2}$ | $52.2{ }^{+0.3}$ | $4.7{ }^{\uparrow 0.6}$ | $24.7{ }^{+1.0}$ | $42.9{ }^{\downarrow 2.0}$ |
|  | Books | $49.5{ }^{\downarrow 8.0}$ | $25.3 \downarrow 2.3$ | $83.6{ }^{\text {14.1 }}$ | $23.5{ }^{\downarrow 0.6}$ | $57.9{ }^{\text {¢0.4 }}$ | $44.8{ }^{\text {¢0.8 }}$ | $69.4{ }^{\text {¢0.8 }}$ | $55.6{ }^{\text {¢ } 3.1}$ | $3.1+1.0$ | $25.2{ }^{\downarrow 0.5}$ | $43.8{ }^{+1.1}$ |
| Perplexity | lowest | $49.2 \downarrow 8.3$ | $25.1+2.5$ | $83.7{ }^{\downarrow} 4.0$ | $22.0{ }^{\downarrow 2.1}$ | $61.4{ }^{\uparrow 3.9}$ | $34.6+19.4$ | $65.0{ }^{+3.6}$ | $49.1{ }^{\downarrow} 3.4$ | $2.7{ }^{+1.4}$ | $24.7{ }^{+1.0}$ | $41.7{ }^{\text {+3.2 }}$ |
|  | highest | $53.5{ }^{\downarrow} 4.0$ | $25.6{ }^{\downarrow 2.0}$ | $84.6{ }^{\downarrow 3.1}$ | $26.1{ }^{\uparrow 2.0}$ | $58.0{ }^{\uparrow 0.5}$ | $41.6{ }^{\text {+2.4 }}$ | $65.6{ }^{\downarrow 3.0}$ | $53.4{ }^{\uparrow 0.9}$ | $2.9+1.2$ | $24.0{ }^{+1.7}$ | $43.5 \begin{aligned} & \text { +1.4 }\end{aligned}$ |
| Writing Style | top-k | $52.7{ }^{\downarrow} 4.8$ | $27.3{ }^{+0.3}$ | $79.7{ }^{\downarrow 8.0}$ | $26.4{ }^{\uparrow 2.3}$ | $60.5{ }^{\uparrow 3.0}$ | $41.6{ }^{+2.4}$ | $66.1{ }^{\downarrow 2.5}$ | $52.3{ }^{10.2}$ | $2.5{ }^{+1.6}$ | $24.4{ }^{+1.3}$ | $43.4+1.5$ |
|  | $\tau=1.0$ | $56.3+1.2$ | $26.6{ }^{+1.0}$ | $86.5{ }^{+1.2}$ | $24.7{ }^{\uparrow 0.6}$ | $58.5 \uparrow 1.0$ | $45.0{ }^{\uparrow 1.0}$ | $67.7 \downarrow 0.9$ | $53.9{ }^{\uparrow 1.4}$ | $4.3{ }^{\uparrow 0.2}$ | $24.5+1.2$ | $44.8{ }^{+0.1}$ |
|  | $\tau=2.0$ | $56.4{ }^{\downarrow 1.1}$ | $28.4{ }^{\uparrow 0.8}$ | $85.8{ }^{+1.9}$ | $24.9{ }^{\uparrow 0.8}$ | $59.3{ }^{\uparrow 1.8}$ | $44.9{ }^{\uparrow 0.9}$ | 68.6 | $53.8{ }^{\uparrow 1.3}$ | $4.5{ }^{\uparrow 0.4}$ | $23.8{ }^{+1.9}$ | $45.0{ }^{\text {¢0.1 }}$ |
|  <br> Trivia | top-k | $65.6{ }^{\text {¢8.1 }}$ | $33.1{ }^{\uparrow 5.5}$ | $87.9{ }^{\uparrow 0.2}$ | 24.1 | $60.9{ }^{\uparrow 3.4}$ | $39.4{ }^{\downarrow} 4.6$ | $62.5{ }^{\downarrow 6.1}$ | $53.1{ }^{\uparrow 0.6}$ | $5.7{ }^{\uparrow 1.6}$ | $25.3{ }^{\text {0.4 }}$ | $45.8{ }^{\text {¢0.9 }}$ |
|  | $\tau=1.0$ | $62.1{ }^{\uparrow 4.6}$ | $32.8{ }^{\text {+5.2 }}$ | $89.1{ }^{\uparrow 1.4}$ | $24.4{ }^{\uparrow 0.3}$ | $60.6{ }^{\text {¢3.1 }}$ | $43.2 \pm 0.8$ | $66.4{ }^{\downarrow 2.2}$ | $52.9{ }^{\uparrow 0.4}$ | $5.2 \uparrow 1.1$ | $25.6{ }^{10.1}$ | 46.2 ¢1.3 |
|  | $\tau=2.0$ | $59.3 \uparrow 1.8$ | $29.8{ }^{\uparrow 2.2}$ | $88.1{ }^{\uparrow 0.4}$ | $25.0{ }^{\uparrow 0.9}$ | $61.4{ }^{\uparrow 3.9}$ | $43.9+0.1$ | $68.3{ }^{\downarrow 0.3}$ | $54.6{ }^{\uparrow 2.1}$ | $4.4{ }^{\uparrow 0.3}$ | $26.9{ }^{\uparrow 1.2}$ | 46.2¢1.3 |
| Educational <br> Value | top-k | $66.6{ }^{\text {¢9.1 }}$ | $34.6{ }^{\dagger 7.0}$ | $89.6{ }^{\uparrow 1.9}$ | $24.6{ }^{\uparrow 0.5}$ | $58.3{ }^{\text {¢0.8 }}$ | $45.5{ }^{\uparrow 1.5}$ | $66.4{ }^{+2.2}$ | $52.9{ }^{\text {¢0.4 }}$ | $3.8{ }^{\text {t0.3 }}$ | $25.0{ }^{\text {+0.7 }}$ | $46.7{ }^{\uparrow 1.8}$ |
|  | $\tau=1.0$ | $62.3{ }^{\text {¢4.8 }}$ | $31.5{ }^{\uparrow 3.9}$ | $90.5{ }^{\uparrow} 2.8$ | $26.3{ }^{\uparrow 2.2}$ | $59.8{ }^{\uparrow 2.3}$ | $45.9{ }^{\uparrow 1.9}$ | $68.0{ }^{\downarrow 0.6}$ | $51.9{ }^{10.6}$ | $4.3{ }^{\text {¢0.2 }}$ | $26.1{ }^{\text {¢0.4 }}$ | $46.7{ }^{\uparrow 1.8}$ |
|  | $\tau=2.0$ | 60.7 ¢3.2 | $30.4{ }^{\uparrow 2.8}$ | $88.8{ }^{\uparrow 1.1}$ | $26.6{ }^{\uparrow 2.5}$ | $60.1{ }^{\uparrow 2.6}$ | $45.4{ }^{\uparrow 1.4}$ | $69.1{ }^{\text {¢0.5 }}$ | $54.2{ }^{\uparrow 1.7}$ | $4.3{ }^{\text {¢0.2 }}$ | $27.1{ }^{\uparrow 1.4}$ | $46.7{ }^{\uparrow 1.8}$ |
| Required <br> Expertise | top-k | $60.4 \uparrow 2.9$ | $30.9{ }^{\text {+3.3 }}$ | $86.8{ }^{10.9}$ | $25.0{ }^{\text {¢0.9 }}$ | $60.9{ }^{\text {¢3.4 }}$ | $36.1+7.9$ | $57.8 \pm 10.8$ | $52.2{ }^{10.3}$ | $2.4{ }^{+1.7}$ | $26.3{ }^{\text {¢0.6 }}$ | $43.9+1.0$ |
|  | $\tau=1.0$ | $59.3 \uparrow 1.8$ | $28.9{ }^{\uparrow 1.3}$ | $87.9{ }^{\uparrow 0.2}$ | $26.1{ }^{\uparrow 2.0}$ | $61.7{ }^{\uparrow 4.2}$ | $41.9+2.1$ | $66.0{ }^{+2.6}$ | $52.2{ }^{10.3}$ | $3.9 \begin{aligned} & \text { +0.2 }\end{aligned}$ | $24.8{ }^{10.9}$ | $45.3{ }^{\text {¢0.4 }}$ |
|  | $\tau=2.0$ | $59.6{ }^{\uparrow 2.1}$ | $29.8{ }^{\uparrow 2.2}$ | $89.0{ }^{\uparrow 1.3}$ | $23.8{ }^{10.3}$ | $61.4{ }^{\uparrow 3.9}$ | $43.2{ }^{1} .8$ | $67.4+1.2$ | $56.0{ }^{\uparrow 3.5}$ | $4.6{ }^{\uparrow 0.5}$ | $25.4{ }^{10.3}$ | $46.0 \uparrow 1.1$ |
| Criteria mix | $\tau=2.0$ | $59.2{ }^{\uparrow 1.7}$ | $30.2{ }^{\uparrow 2.6}$ | $88.0{ }^{\text {¢0.3 }}$ | $24.3{ }^{\uparrow 0.2}$ | $58.7{ }^{\uparrow 1.2}$ | $44.5{ }^{\uparrow 0.5}$ | $68.7{ }^{\uparrow 0.1}$ | $53.5{ }^{\uparrow 1.0}$ | $5.3{ }^{\uparrow 1.2}$ | $25.1{ }^{10.6}$ | $45.7{ }^{\uparrow 0.8}$ |
| Writing Style | bottom-k | $50.9{ }^{\downarrow 6.6}$ | $23.8{ }^{+3.8}$ | $87.0{ }^{\text {40.7 }}$ | $24.9{ }^{\uparrow 0.8}$ | $55.1{ }^{\downarrow 2.4}$ | $35.5{ }^{1} 8.5$ | $64.2 \downarrow$ \4.4 | $49.6{ }^{+2.9}$ | $3.1+1.0$ | $25.3{ }^{\downarrow 0.4}$ | $41.9+3.0$ |
|  | inv. $\tau=1.0$ | $55.9+1.6$ | $27.0{ }^{+0.6}$ | $88.4{ }^{\uparrow 0.7}$ | $24.0{ }^{\downarrow 0.1}$ | $60.8{ }^{\text {¢3.3 }}$ | $41.4{ }^{\downarrow} .6$ | $67.2+1.4$ | $54.5{ }^{\uparrow 2.0}$ | $4.4{ }^{\text {¢0.3 }}$ | 25.2 +0.5 | $44.9{ }^{+0.0}$ |
|  | inv. $\tau=2.0$ | $56.6{ }^{\downarrow 0.9}$ | $27.3{ }^{10.3}$ | $88.9{ }^{\text {11.2 }}$ | $24.9{ }^{\uparrow 0.8}$ | $60.3{ }^{\uparrow 2.8}$ | $43.3{ }^{+0.7}$ | $67.6{ }^{+1.0}$ | $52.4{ }^{10.1}$ | $4.7{ }^{\uparrow 0.6}$ | $24.7+1.0$ | $45.1{ }^{\text {¢0.2 }}$ |
| Facts \& Trivia | bottom-k | $43.2+14.3$ | $21.2{ }^{\downarrow 6.4}$ | $82.8{ }^{\downarrow 4.9}$ | $23.8{ }^{+0.3}$ | $57.6{ }^{\text {¢0.1 }}$ | $38.8+5.2$ | $65.8{ }^{+2.8}$ | $52.6{ }^{\text {¢0.1 }}$ | $1.9{ }^{+2.2}$ | $25.8{ }^{\uparrow 0.1}$ | $41.4{ }^{\downarrow} 3.5$ |
|  | inv. $\tau=1.0$ | $50.0{ }^{\downarrow 7.5}$ | $24.7 \downarrow 2.9$ | $86.3{ }^{\downarrow 1.4}$ | $25.0{ }^{\text {¢0.9 }}$ | $60.3 \uparrow 2.8$ | $43.2{ }^{1} 0.8$ | $68.1{ }^{\downarrow 0.5}$ | $51.0 \downarrow 1.5$ | $3.0+1.1$ | $25.9 \uparrow 0.2$ | $43.8{ }^{1.1 .1}$ |
|  | inv. $\tau=2.0$ | $53.4{ }^{\downarrow 4.1}$ | $26.1{ }^{\downarrow 1.5}$ | $88.2{ }^{\uparrow 0.5}$ | $25.8{ }^{\uparrow 1.7}$ | $60.8{ }^{\uparrow 3.3}$ | $44.2{ }^{\uparrow 0.2}$ | $68.8{ }^{\uparrow 0.2}$ | $52.8{ }^{\text {¢0.3 }}$ | $4.8{ }^{\text {¢0.7 }}$ | $25.4{ }^{\downarrow 0.3}$ | $45.0{ }^{\uparrow 0.1}$ |
| Educational Value | bottom-k | $39.1{ }^{+18.4}$ | $22.0{ }^{\text {d5.6 }}$ | $79.5{ }^{18.2}$ | $26.1{ }^{\uparrow} 2.0$ | $58.2{ }^{\uparrow 0.7}$ | $34.9+9.1$ | $63.1+5.5$ | 53.2¢0.7 | $2.6{ }^{+1.5}$ | $23.9{ }^{+1.8}$ | $40.3{ }^{\text {4.6 }}$ |
|  | inv. $\tau=1.0$ | $48.7{ }^{\downarrow} 8.8$ | $23.0{ }^{14.6}$ | $85.1{ }^{\downarrow 2.6}$ | $23.7{ }^{\downarrow 0.4}$ | $57.4{ }^{\downarrow 0.1}$ | $40.2 \downarrow$ ฟ.8 | $66.4{ }^{+2.2}$ | 52.5 | $3.9 \begin{aligned} & \text { +0.2 }\end{aligned}$ | $25.3+0.4$ | $42.6{ }^{\text {+2.3 }}$ |
|  | inv. $\tau=2.0$ | $54.5{ }^{\downarrow} 3.0$ | $26.1{ }^{1.5}$ | $86.5{ }^{+1.2}$ | $26.1{ }^{\uparrow 2.0}$ | $60.3{ }^{\uparrow 2.8}$ | $42.7{ }^{+1.3}$ | $68.7{ }^{\text {¢0.1 }}$ | $53.4{ }^{\uparrow 0.9}$ | $4.7{ }^{\uparrow 0.6}$ | $23.7{ }^{\downarrow .0}$ | $44.7{ }^{\downarrow} 0.2$ |
| Required Expertise | bottom-k | $41.9+15.6$ | $24.0{ }^{\downarrow 3.6}$ | $82.6{ }^{+5.1}$ | 25.3 ¢1.2 | $56.0{ }^{+1.5}$ | $41.0{ }^{\downarrow 3.0}$ | $69.4{ }^{\uparrow 0.8}$ | $51.7{ }^{10.8}$ | $3.7{ }^{\downarrow 0.4}$ | $27.4{ }^{\dagger 1.7}$ | $42.3{ }^{\text {+2.6 }}$ |
|  | inv. $\tau=1.0$ | $52.7{ }^{\downarrow} 4.8$ | $25.7{ }^{\downarrow 1.9}$ | $87.5{ }^{10.2}$ | $23.7{ }^{\downarrow 0.4}$ | 58.3 †0.8 | $44.1{ }^{\uparrow 0.1}$ | $69.6{ }^{\uparrow 1.0}$ | $53.1{ }^{\uparrow 0.6}$ | $4.7{ }^{\uparrow 0.6}$ | $25.7{ }^{+0.0}$ | $44.5{ }^{+0.4}$ |
|  | inv. $\tau=2.0$ | $56.4{ }^{\downarrow 1.1}$ | $26.2{ }^{\downarrow 1.4}$ | $86.4{ }^{\downarrow 1.3}$ | $23.7{ }^{\downarrow 0.4}$ | $61.5{ }^{\text {¢4.0 }}$ | $44.6{ }^{\text {¢0.6 }}$ | $68.9{ }^{\text {¢0.3 }}$ | $53.4{ }^{\uparrow 0.9}$ | $5.0{ }^{\uparrow 0.9}$ | $24.1{ }^{\downarrow 1.6}$ | $45.0{ }^{\uparrow 0.1}$ |
| Uniform +50\% data |  | $60.6{ }^{\text {¢3.1 }}$ | $29.3{ }^{\uparrow 1.7}$ | $90.3 \uparrow 2.6$ | $24.4{ }^{\uparrow 0.3}$ | $60.1{ }^{\text {¢2.6 }}$ | $47.7{ }^{\text {¢3.7}}$ | $69.0{ }^{\text {¢0.4 }}$ | $54.4{ }^{\uparrow 1.9}$ | $5.8{ }^{\uparrow 1.7}$ | $26.1{ }^{\uparrow 0.4}$ | $46.8{ }^{\uparrow 1.9}$ |

## E. Further Analysis of Quality Ratings

We provide further details of the quality ratings on a random subset of 1 M sequences from the 260B QuRatedPajama dataset. Table 7 shows the domain constitution of this dataset.

Quality ratings across clusters. Figure 8 shows the distribution of ratings of the C 4 and CommonCrawl subset of RedPajama. Since this subset contains diverse data, we visualize by performing unsupervised clustering of TF-IDF features. Our method follows Gururangan et al. (2023), including using whole-word tokenization with a special placeholder for numbers. However, we do not enforce an balanced cluster assignments during the $k$-Means clustering and use $k=25$. The resulting proportions of examples per cluster are also shown in Figure 8.

Correlation with log-likelihood. In Figure 7, we show correlations between the quality ratings and log-likelihood scores assigned by Llama-2-7B (Touvron et al., 2023b). We observe no clear correlations, with the exception of writing style, which has a Spearman correlation coefficient of 0.50 .

AboutMe analysis. In an additional experiment, we repeat the analysis from Section 6.3 with top- $k$ selection $(\tau=0)$ in Table 10. While trends across categories are similar to selecting with $\tau=2.0$ in Figure 2, the retention rates are far more extreme across clusters and social roles. This highlights that $\tau=2.0$ improves sample diversity in practice, which empirically also results in improved downstream performance. In contrast, top- $k$ selection has a far stronger tendency to select certain topics and qualities.


Figure 7. Correlations of quality ratings and negative log-likelihood scores by Llama-2-7B(Touvron et al., 2023b) over 1M training sequences. The negative log-likelihoods are averaged over the number of tokens, and are the logarithm of the perplexity score of a single sequence. We observe that perplexity scores are not good approximations for any quality criteria.


Figure 8. Distribution of normalized quality ratings over clusters of 760 K CommonCrawl and C 4 training sequences.

Table 10. We select the top $10 \%$ of the webpages in the AboutMe dataset according to different quality criteria (top- $k$ selection). We report the categories that are most/least retained (amplified/suppressed) in the selected data, and report their retention rates in \%.

| Writing Style |  |  |  | Facts \& Trivia |  |  | Educational Value |  |  |  | Required Expertise |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\uparrow$ Topics: amplified |  | $\downarrow$ Topics: suppressed |  | $\uparrow$ Topics: amplified | $\downarrow$ Topics: suppressed |  | $\uparrow$ Topics: amplified |  | $\downarrow$ Topics: suppressed |  | $\uparrow$ Topics: amplified |  | $\downarrow$ Topics: suppressed |  |
| art, gallery | 31 | service, cleaning | 1 | research, university 39 | hair, beauty | 2 | research, univer |  | car, vehicle | 1 | research, university |  | car, vehicle | 1 |
| writing, books | 28 | car, vehicle | 1 | energy, water 23 | service, cleaning | 3 | students, school | 37 | furniture, jewelry | 2 | law, legal | 32 | event, events | 2 |
| design, designer | 26 | quality, equipment | 1 | community, local 17 | online, store | 3 | children, child | 32 | online, store | 2 | software, data | 26 | furniture, jewelry | 2 |
| photography | 25 | online, store | 2 | art, gallery 17 | fashion, women | 3 | health, care | 30 | photography | 2 | dr, medical | 25 | online, store | 2 |
| life, yoga | 23 | services, service | 3 | film, production 17 | home, homes | 3 | dr, medical | 27 | event, events | 2 | solutions, tech. | 25 | service, cleaning | 2 |
| $\uparrow$ Roles: amplified |  | $\downarrow$ Roles: suppressed |  | $\uparrow$ Roles: amplified | $\downarrow$ Roles: suppressed |  | $\uparrow$ Roles: amplified |  | $\downarrow$ Roles: suppressed |  | $\uparrow$ Roles: amplified |  | $\downarrow$ Roles: suppressed |  |
| celebrant | 49 | home inspector | 2 | postdoctoral fellow 51 | wedding planner | 1 | clinical psycholog |  | band | 1 | postdoctoral fellow |  | wedding planner | 0 |
| soprano | 42 | mvp | 3 | research associate 49 | manicurist | 1 | postdoctoral fellow |  | manicurist | 1 | research fellow | 61 | groomer | 1 |
| laureate | 39 | full stack developer | 3 | ecologist 49 | mummy | 1 | instruct. designer |  | makeup artist | 1 | research associate | 60 | momma | 1 |
| essayist | 39 | plumber | 4 | research fellow 47 | momma | 1 | classroom teacher |  | tattoo artist | 1 | research scientist | 50 | florist | 1 |
| art therapist | 38 | youtuber | 4 | research scientist 42 | mama | 1 | language patholo | 44 | stylist | 1 | associate professor |  | mummy | 1 |
| $\uparrow$ Regions: amplified |  | $\downarrow$ Regions: suppressed |  | $\uparrow$ Regions: amplified | $\downarrow$ Regions: suppressed |  | $\uparrow$ Regions: amplified |  | $\downarrow$ Regions: suppressed |  | $\uparrow$ Regions: amplified |  | $\downarrow$ Regions: suppressed |  |
| Southern Europe | 20 | Southern Asia | 5 | Central Asia 24 | Southern Asia | 9 | Sub-Sah. Africa | 11 | Eastern Asia | 5 | Central Asia | 20 | North America | 9 |
| Western Europe | 18 | Eastern Asia | 6 | Eastern Europe 17 | North America | 11 | Australia \& N.Z. | 11 | Southern Europe |  | Western Europe | 18 | Australia \& N.Z. | 9 |
| Northern Europe | 14 | South-East. Asia | 7 | Pacific Islands 15 | Northern Europe | 11 | North America | 11 | Eastern Europe | 7 | Eastern Europe | 18 | Pacific Islands | 9 |
| Latin Am. \& Carr. | 14 | Central Asia | 8 | Western Europe 14 | Australia \& N.Z. | 11 | Northern Europe | 10 | South-East. Asia | 7 | Western Asia | 14 | Southern Asia | 10 |
| Northern Africa | 12 | Sub-Sah. Africa | 9 | Northern Africa 14 | South-East. Asia | 11 | Pacific Islands | 10 | Western Asia | 8 | Northern Africa | 13 | South-East. Asia | 10 |

Abbreviations: tech. $=$ technology $\mid$ instruct. designer $=$ instructional designer $\mid$ Latin Am. \& Carr. $=$ Latin America \& Carribean $\mid$ Sub-Sah. $=$ Sub-Saharan $\mid$ N.Z. $=$ New Zealand

## F. Inspecting Raw Documents and Ratings

Finally, we present snippets from raw documents for the Wikipedia, Book, Stack Exchange, Github and ArXiv subsets of SlimPajama in Tables 11-15; and documents from the clusters for C 4 and CommonCrawl in Tables 16-40. The documents are taken at the 5th, 30th, 70th and 95th percentiles of quality ratings shown in Figures 4 and 8, respectively. We believe it is important to give an unfiltered view of the training data, and therefore do not filter these documents.

A small number of documents contain potentially sensitive content.

Table 11．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within Wikipedia．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 4.

| 5 th percentile |  |  |  |
| :---: | :---: | :---: | :---: |
| Writing Sty | Writing Style $=-0.55$ | Writing Style | Writing Style $=1.05$ |
| ępnie pracował w sztabie szkoleniowym Krywbasa Krzywy Róg．Od 1977 pomagał trenować，a w 1979 zos tał wyznaczony na stanowisko głównego trenera Szac htara Donieck，z którym pracował do końca 1985 rok u．Przez 7 lat pracy w klubie zdobył z nim wiele sukcesów．Potem trenował malediwski Victory SC Mal e oraz radzieckie kluby Paxtakor Taszkent，Zoria $Ł$ ugańsk，Dinamo Stawropol i Weres Równe．W 1992 po magał jako konsultant Temp Szepetówka．Po 1995 rok u trenował dzieci w DJuSSz w Doniecku，drugą druż ynę Worskły Połtawa．Od 17 czerwca 2005 do lipca 2 007 kolejny raz szkolił główną drużynę Worskły Poł tawa．Następnie zarządzał oddziałem dziecięcej pił ki nożnej w Metałurhu Donieck．$\leftrightarrows$ Na początku kw ietnia 2008 został hospitalizowany na oddziale kar diologicznym． 15 kwietnia przeszedł operację，a 17 kwietnia serce trenera przestało się bić．』 $₫$ Suk cesy i odznaczenia $』$ Sukcesy klubowe final ista Pucharu ZSRR： $1963 』$ Sukcesy trenerskie wicemistrz ZSRR： 1979 a brązowy medalista Mistrzo stw ZSRR： 1978 \＆zdobywca Pucharu ZSRR：1980， 198 | lgaria，si formarono diversi gruppi e moviment <br> i di guerriglieri in tutto la regione settentriona le della Grecia．Alcuni di essi combatterono contr o l＇occupazione，come Napoleon Zervas e il suo Ese rcito Nazionale Democratico Ellenico（Ethnikos Dim okratikos Ellinikos Syndesmos，EDES；in greco： E ． <br>  Kóऽ $\Sigma$ úvరعбんOऽ），mentre altri gruppi furono sostanzialmente collaborazionisti con l＇occupante， come i battaglioni Ohrana，molti dei quali success ivamente si unirono al Fronte di liberazione nazio nale slavo－macedone（SNOF）．Vi era anche l＇Esercit －popolare greco di liberazione（Ellinikós Laikós Apeleftherotikós Stratós，ELAS；in greco，E $\lambda$ 入 $\eta$ ט <br>  $\varsigma)$ ，un esercito partigiano guidato dal Partito Con unista di Grecia（Kommounistiko Komma Elladas，KKE <br> in greco，Kou §）．Sebbene l＇ELAS in alcuni casi abbia fatto aff idamento su una mobilitazione forzata，gli apparte nenti al gruppo etnico macedone simpatizzarono con | Taganrog et Kichinev．Politiquement libéral， <br> il était cadet，membre du Parti constitutionnel dé mocratique．a Lev Philippovitch Wolkenstein ava it trois demi－frères，Ossip Philippovitch Wolkenst ein，qui sera un homme d＇affaires et politique de Rostov－sur－le－Don，Akim Philippovitch Wolkenstein， médecin militaire ayant acquis la noblesse hérédit aire et Emmanuel Philippovitch dont on sait peu de choses mais dont on retrouve la trace comme marcha nd à Kichinev en 1870，et un frère Mikhail Philipp ovitch Wolkenstein qui sera également avocat． Biographie $\& \leftrightarrow$ Enfance ：De Berdytchiv au gymnasi um de Tagarong a Lev Philippovitch（Isaak－Leib Fa lkevitch ou Govshiyovitch）naît en 1858 à Berdytch iv dans une famille de Juifs de Galicie，les Wolke nstein．Son père Govshiya Falik Wolkenstein est ma rchand de la troisième guilde et gestionnaire de d omaine pour l＇aristocratie polonaise．C＇est un mas kil qui souhaite donner une éducation à ses fils $d$ ans le contexte de l＇antisémitisme de l＇Empire Rus se．Govshiya Falik Wolkenstein meurt en 1861．Son | f St Thomas．$\&$ Teodorani has also contribut ed to the creation and is a member of the scientif ic committee of the RomaNoir congress（first held in 2004）organised by the department of philologic al，linguistic and literary studies of La Sapienza university in Rome．In 2005 she held a seminary ab out her writing at the university of Wurzburg in $G$ ermany．$』 \Perp$ Some of her stories have been adapted for a DVD called Appuntamenti Letali（Lethal appoi ntments）containing short and medium length films published by Filmhorror com．A In 2008 the author published I sacramenti del male with Giallo Mondad ori and collaborated with the experimental electro nic music band Le forbici di Manitù．This collabor ation gave rise in 2010 to a CD including a novell a by Teodorani，L＇Isola，which in 2011 was release $d$ in France by Les éditions de l＇Antre．$\&$ At th e start of 2016 Teodorani published a non－genre bo ok with Stampa Alternativa set in Emilia－Romagna d uring the seventies called Gramsci in cenere，whic h in May 2016 won the award for the best book of i |

## Facts \＆Trivia $=-1.16$

．．$y+(x+y / 4) O_{2} \rightarrow \mathrm{CO}_{2}+(y / 2) \mathrm{H}_{2} \mathrm{O} 』$ Per ex
mple la combustió del propà és： emple la combustió del propà és： $\mathrm{C}_{3} \mathrm{H}_{8}+5 \mathrm{O}_{2} \rightarrow 3 \mathrm{C}$
$\mathrm{O}_{2}+4 \mathrm{H}_{2} \mathrm{O}$ $\mathrm{O}_{2}+4 \mathrm{H}_{2} \mathrm{O} 』$ Tipus de combustió a D＇acord amb com es produeixen les reaccions de combustió，aque tes poden ser de diferents tipus．A Combustio co pleta：te $110 c$ quan les substancies combustibles eaccionen fins al maxim grau possible d＇oxidació． n aquest cas no hi haura presencia de substancies combustibles en els productes de la reaccio．Co bustio incompleta：es produeix quan no $s$ arriba al cies combustibles en els gasos de la reacció cres conbustió estequiomètrica o teòrica：és la combustió bue es estequoretrica tebrea．é condio que es duu a terme amb la quantitat minima daire perque no existeixin substancies combustibles en ls gasos de reaccio．En aquest tipus de combustio hi ha presencia doxigen els a causa acció．que aquest s ha emprastió amb excés d＇aire．és la ren lact ele es producix amber al mínim necessari．Quan s＇utilitza un excés d＇air

| Educational Value $=-1.65$ |
| :---: |
| свою плоть，мог обращаться стол бом чёрного дыма и принимать облик |
|  |  |
|  |
| ука Медузы，Джона Локка и Алекс）』 Человек в черном（XIX век）Человек |
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|  |
| н увидел корабль на горизонте и ска |
| зал，что знает，что их привёл Джейко |
| б．Он сказал，что Джейкоб всё ещё пы тается доказать ему，что он не прав |
|  |  |
|  |
| да это кончается одним．Потом он сп рашивает，знает ли Джейкоб，как сил |
|  |  |
|  |
| рдительный ответ，он говорит，что |
| когда－нибудь он найдёт лазейку．Пос |
| этого он уходит．（Инцидент）．Когд |
| я скала |
|  |

Facts $\boldsymbol{\&}$ Trivia $=-0.45$
．．o pierwsze planowali zmniejszyć prawdopodobień stwo wojny oraz udział w niej swego regionu poprze z rozluźnienie więzów z Wielkă Brytania，tak by w
czasie ewentualnego konfliktu zachować neutralność czasie ewentualnego konfliktu zachować neutralność
．Po drugie poprzez unie trzech dominiów，stworzyć Po drugie poprzez une trzech dominió，stworzyc na tyle silny organizm polityczny，by moc się prze iwstamic aneksyjnym ciągotom amerykanskim．Waaz cze a chównie projekt bud ky Kol cze，a gryy dominia pla celu przedyskutowania ewentualnej unii．W lecie 64 w akresie przygotowán do konferencji unijej， Nowej Szkocji praybyta dolegacja Kanady której liderem był Thomas D＇Arcy McGee Delegaci Kanady ideas walifaksio przez szereg dni wypelni
 mi i nieformalnymi rozmomi politycznymi wcieczk e tego spotkania Kanadyjczycy przestavili kocas e szerokiej unii wszystkich dominiów brytyjskich meryki Północnej．Propozycja spotkała się z ciepły

Educational Value $=-0.94$
．bbey Show in the 1970s until the 1990s．Kell played the part of a culchie，＂Gobnait 0＇Lúnasa＂ the sketches typically started with the sound of hen the phone rang and was answered his words wer hen the phone rang and was answered，his words we ted the part of an English BBC reporter intervievi ted the part of an English BBC reporter interview ng rural inhabitants about local customs，such as watching bacon being sliced，or＂ha－hooing＂（shou ing a rebel yell）competitions．The village was s being in＂the Republic of Eer－ah＂（a mispronunci ation of Éire）$\&$ Music career $\&$ In 1982，Kell $y$ released a single＂Christmas Countdown＂Ker y released a single，＂Christmas Countdown＂，a come dy monologue based on the Christmas song＂The Twe nymic Gobnait 0＇Lúnasa．It reached number eight in the Irish Singles Chart in 1982，and peaked at num the Irish Singles Chart in 1982，and peaked at nu ber 26 in the UK Singles Chart and number 15 in Au
stralia in 1984．$\$$ He performed the single live Top of the Pops on 5 January of that year．The

Required Expertise $=-0.38$
ого нібито антисемітські висловлювання у стані алкогольного сп＇яніння．Таке рішення було ухвале но після того，як керівники Christian D іо подивилися відеозапис того，що в ідбувалося за участю Гальяно у пари зькому кафе La Perle в кварталі Mape У британських ЗМІ з＇явилася інформа ція про те，що в одному з паризьких барів п＇янии Д．Гальяно посварився з люшимі відвідувачами．«Такі，як ви ері та батьки повинні були всі заги нути у газових камерах！»，－говорив він．Скривдженими виявилися дво в відвідувачів－41－річний Філіп Вір жіті і 35 －річна Жеральдін Блох，які подали позов проти дизайнера，звину вативши його в антисемітських висл овах．Адвокат Гальяно Стефан Зербіб заявив，що його клієнт не вимовляв

Facts \＆Trivia $=0.39$
．Otok leži ob Istrski obali zahodno od Fažane ，od katere ga ločuje 2 km širok Fažanski kanal． 0 Pule je oddaljen okoli 6 km ．』 Tako kot večin ostalih Brionskih otokov je bil tudi Veliki Brij št naseljen ze v prazgodovini．Od leta 171 pr ． stt．je bil otok v posesti Rimljanov．V 1．stol．je atoku nastalo r stojı danaśnje naselja Brijun，v zalivu Dobrika in na griču kolci．Po propadu rımskega imperija se na otoku menjajo različni lastniki．Od Benecanov in n zgradi ekskluzivno letovisce s hoteli，kopališ́ parki in lovišča za divje živali Z Zradili so eli 80 km sprehajalnih poti．Iz Fažane padin so rí 80 kmprehajol por orjem napeljali vodovod．Pri nacrtovanju ureditve zalivu Verige na vzodni obali so kenraili osta nki razkošne rimske vile rustice ki je bila zaraj ena v 1 ．stol．Ostanki predstavliajo arhitaktonski kompleks，ki se v dolžini enega kilometra razpotet


#### Abstract

Educational Value $=-0.21$ hijo Absalón y fue posteriormente el instrumen oo para traer al rey Salomón al trono．Después de que se construyese el Primer Templo de Salomón en Jerusalén，Sadoc fue el primer Sumo sacerdote de srael en servir allí．\＆El profeta Ezequiel ens alza a los hijos de Sadoc como acérrimos adversari os del paganismo durante la era del culto pagano indica su defensa de privilegios y deberes único e indica su defensa de privilegios y deberes único s en el futuro templo．\＆Biblia La Biblia de clara que Sadoc era descendiente patrilineal de El clara que Sadoc era descendiente patrilineal de El eazar，el hijo de Aarón el sumo sacerdote．El lina as（su descendiente）como de la novena generación as（su descendiente）como de la novena generación hijo de Eleazar．$\&$ Por orden cronológico es mencionado por primera vez como apoyo de David es mencionado por primera vez como apoyo de David s mencionado，cuando él y los levitas desearon mpañar el David en su huida para traer el Arca de mpanar el David en su huida para traer el Arca de and


Required Expertise $=0.33$
nost，ki ju je ponujala poljska sfera，in na s plošno želelo，da bi njihova dežela postala del Po plosnno zelelo，da bi njihova dezela postala del Po i se v Sejm in nadaljevati pogajanja z nekoliko dr ugačno taktiko kot je bila Radziwiłłova．Čeprav je poljska šlahta želela popolno vključitev Velike li poljska slanta zelela popolno vkljucitev elike še naprej nasprotovali in pristali edino na zvezno državo．28．junija 1569 so bili premagani še zadnj i ugovori in kralj je 4．julija 1569 v skladu z do govorom na gradu Lublin podpisal listino o združit vi v Republiko obeh narodov．as Poskus moderniz acije $屮$ Lublinsko unijo naj bi nadomestila ustava sprejeta 3．maja 1791，po kateri bi kralj Stanisła sprejeta 3．maja 1791，po kateri bi kralj Stanisła
v Avgust Poniatowski preoblikoval zvezno skupnost v enotno državo．Ustava ni bila v celoti izvedena． Republika obeh narodov se je končala $z$ delitvijo $P$ oljske leta 1795．$』$ Posledice $』$ Kultura $』$ $\checkmark$ Republiki obeh narodov so imeli litovski plemi ci enake formalne pravice kot poljski，da na svoji domenah vladajo svojim podložnikom．Poljski jezi

Facts \＆Trivia $=1.96$
on the east side of the Rock．$』$ They fired $t$ heir first shots in anger on 7 July 1940 and from then on they were often in action against Vichy Fr ench and Italian planes，engaging German planes la ircraft on the night of 20 August 1940．The entry ircraft on the night of 20 August 1940．The entry in the unit＇s War Diary reads as follows：\＆Ear Defence Force Ordinance 1943．The majority of the Defence Force Ordinance 1943．The majority of volu nteers were placed on the reserve list，with other sections disbanded．』APOSt war \＆On 30 August 958，the permanent cadre and the reserve of the Gi Regiment．The regiment then Regiment．The regiment then al dual role，bei fle coastal guns．This organisation was to remain in $f$ orce until 1971．With the departure of the last orce until 1971．With the departure of the last gu nner unit in 1958，the regiment was issued with fo ur 25 pounder（ 88 mm ）guns and took over the respo
nsibilities of firing Royal Gun Salutes．

## Educational Value $=0.99$

blast，and cold－blast．Both hot－blast and cold blast designs are called tubular lanterns and are safer than dead－flame lamps，as tipping over a tub ular lantern cuts off the oxygen flow to the burne $r$ and will extinguish the flame within seconds． a The earliest portable kerosene＂glass globe＂lan terns，of the 1850s and 1860s，were of the dead－fl ame type，meaning that it had an open wick，but th e airflow to the flame was strictly controlled in an upward motion by a combination of vents at the bottom of the burner and an open topped chimney This had the effect of removing side－to－side draft s and thus significantly reducing or even eliminat ing the flickering that can occur with an exposed flame．』 Later lanterns，such as the hot－blast and cold－blast lanterns，took this airflow control even further by partially or fully enclosing the w ick in a＂deflector＂or＂burner cone＂and then cha nneling the air to be supplied for combustion at $t$ he wick while at the same time pre－heating the air

Required Expertise $=1.03$
de l＇école hongroise de psychanalyse，qui s＇ét aient structurée autour de Ferenczi，Vilma Kovácz， Michael et Alice Balint notamment．Róheim était 1 ami d＇enfance de René Spitz qui en parle dans ces termes ：．Spitz ajoute qu＇il aime à penser que c e sont ces contes qui ont orienté l＇enfant vers le devenir du futur anthropologue que Roheim sera． a Sa carrière scientifique s＇oriente précisément 1 orsque l＇ethnologue Bronislaw Malinowski，sur la b ase de ses travaux ethnologiques aux îles Trobrian d，émet des critiques à l＇égard de la psychanalyse u complexe d＇Edipe met en doute I universalite critiques，propose à Géza Róheim d＇en étudier la p ertinence．Ce sera là le départ pour un voyage qui le conduira en Somalie，en Australie，en Mélanésie et en Amérique de 1928 à 1931．Géza Róheim étudier a en détail de nombreuses sociétés traditionnelles ，des aborigènes australiens aux Indiens d＇Amériqu e．a ales objections de Malinowski ne sont pas r éellement pertinentes car s＇il est vrai que dans

Table 12．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within Book．For each criterion， the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 4.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style $=-0.80$ | Writing Style $=0.60$ | Writing Style $=1.39$ |
| tz JR，Miller BL，Lesser IM，Darby AL．Frontot emporal dementia：treatment response to serotonin selective reuptake inhibitors．＿J．Clin．Psychiatr y＿．1997；58：212－216．\＆［142］Mendez MF，Shapira JS，Miller BL．Stereotypical movements and frontot emporal dementia．＿Mov．Disord．＿2005；20：742－745． ［143］Anneser JM，Jox RJ，Borasio GD．Inappro priate sexual behaviour in a case of ALS and FTD： successful treatment with sertraline．＿Amyotroph． Lateral Scler．＿2007；8：189－190．\＆A［144］Prodan CI，Monnot M，Ross ED．Behavioural abnormalities a ssociated with rapid deterioration of language fun ctions in semantic dementia respond to sertraline． ＿J．Neurol．Neurosurg．Psychiatry＿．2009；80：1416－1 417．$』[145]$ Moretti R，Torre P，Antonello RM， Cazzato G，Bava A．Frontotemporal dementia：paroxe tine as a possible treatment of behavior symptoms． A randomized，controlled，open 14 －month study．＿Eu r．Neurol．＿2003；49：13－19．\＆\＆［146］Lebert F，St ekke W，Hasenbroekx C，Pasquier F．Frontotemporal dementia：a randomised，controlled trial with traz | odd coincidence．＂a Aaro shot her a dark gl ance but was clearly too drained to radiate true m alevolence．Zia Rosa，who sat beside him，clucked her tongue and patted his thigh．＂You know what yo ur problem is，Alex，honey？＂』』 He looked trappe d．＂Don＇t tell me．Please．＂$』 』$＂Your problem is， you ain＇t picked out some nice lady．Look at all $t$ hese people here．They＇re happy，see？They all got somebody．You don＇t got nobody．If you had a nice girl to go home to，you wouldn＇t have got caught w ith your pants off by that nasty puttanella，eh？＂ $』$＂Zia，now＇s not the time for the family－value s lecture，＂Bruno said．\＆Zia Rosa waved him do wn．＂Shhh．Like my old nonna back in Brancaleone sed to say，＂she intoned．＂Attent＇a le fosse．＂es Lily leaned over to Bruno．＂What does that mean？ ＂A A Bruno sighed and translated．＂Beware of the holes．＂A Aaro buried his face in his hands．＂T ell me about it，＂he muttered．$\&$ Zia Rosa patte d Aaro＇s thigh again，palpating his quadriceps mus cle appreciatively．＂The time＇s come，I guess，＂sh | n go out the way it comes in？＂』』＂More than that，friend Ethan．＂Ta－hoding，overhearing，elabo rated．＂Once we build up enough speed traveling ba ck down the thunder－eater＇s trail，we can then tur n the ship and continue in any direction we wish．＂ $』 』$ It is the building up of enough speed that i s critical，＂Eer－Meesach finished．$₫ \leftrightarrow$＂Kinetic energy，＂Ethan murmured，and then had to try and e xplain the unfamiliar－sounding Terranglo term in T rannish．a＂It will be not easy．＂Ta－hoding was talking as much to himself as to his listeners．＂E ven if we do pass successfully into the trail，the re are other dangers to be considered．＂Ethan didn ＇t press him for an explanation．$₫$＂We must mak e a decision．We do have a choice．＂He gestured wi thin an arm toward the bow，his dan momentarily bi llowing with wind．＂We have cut a path a kijat or two ahead of us．We can reset sail and make a run at the forest wall．If that fails，we will then ha ve no room to maneuver，and it will be most diffic ult to try and back up for another run．Also，I sh |
| Facts \＆Trivia $=-1.69$ | Facts \＆Trivia $=-0.52$ | Facts \＆Trivia $=0.62$ |
| te che nessuno utilizzerà 0 da cui nessuno tra rrà profitto non sarebbe un atto umano；gli verreb be a mancare l＇«essenza»，la dimensione spirituale l＇anima，la preghiera di accompagnamento（non ne cessariamente un mantra）；ma potrebbe esprimere il desiderio di contribuire al benessere dei nostri v icini e alla felicità dei nostri simili，o un idea le che mira a migliorare la qualita della vita uma na attorno a noi．Quando lo spirito di preghiera n on permea l＇azione，l＇atto degenera a livello subo ntico．\＆Le pagine seguenti servono da introduz ione alla vita di orazione，che per millenni ha nu trito una parte considerevole dell＇umanità nella s ua ricerca della felicità e del senso ultimo della vita．\＆Due sono le pratiche che si potrebbero suggerire．Una è il silenzio e la calma totale，il vuoto e il nulla，l＇eliminazione attiva di tutti g li ostacoli per lasciare che lo Spirito operi libe ramente：è il cammino della libertà assoluta che i mplica persino la libertà dall＇essere．Nessuna par ola è ammessa in quanto altererebbe l＇esperienza e | stubbornly，and Talon forced the words out．＂H ave you never been proud of me？Did I never make a difference？＂$\Perp$ © The older man＇s jaw tightened un til it was a white line against his weathered comp lexion．Drovic could not afford either pride or th e approval Talon sought．The goal，Drovic told him self harshly．In the end，it was the goal，not the men，that counted．But before Talon＇s icy gaze，Dr ovic suddenly felt old，as if the goal itself had worn thin．$』 \Perp$ Talon gritted his teeth at the old er man＇s silence．No pride in the weakling，he tol d himself．What had he expected？It struck him tha t surely there had been at least one healer willin g to help a wounded man－healers had their own vows to save lives．So why had they been forced to heal him？Was it the side effects of the medicine？Was it more than a painkiller，more than a healing dru g？Did Drovic hope it kept him subservient？Becaus e the longer he had drunk that vile mix，the more he became impatient，enraged．It was only in the $p$ ast few days，without the herbs，as the gray fog $g$ | Lou Gehrig，N．Y．Yankees， $1927\|47\| 52 』$ Lou Gehrig，N．Y．Yankees，1930｜41｜ 42 a Lou Gehrig，N．Y．Yankees 1934｜49｜40』Hal Trosk y，Cle．Indians， $1936\|42\| 45 』$ Hank Greenber g，Det．Tigers， $1937\|40\| 49 』$ Hank Greenberg Det．Tigers， $1940\|41\| 50 』$ Albert Belle， Cle．Indians， 1995 ｜ $50 \mid 52 』$ Albert Belle，Ch i．White Sox，1998｜49｜48』』Juan Gonzalez， Tex．Rangers， $1998\|45\| 50 』 』$ Shawn Green，Tor Blue Jays，1999｜ 42 ｜ $45 』$ Frank Thomas，Chi White Sox，2000｜ 43 ｜ $44 』$ Carlos Delgado， Tor．Blue Jays，2000｜ 41 ｜ $57 』$ Manny Ramirez， Bost．Red Sox，2004｜ $43 \mid 44 』 』$ David Ortiz，Bo st．Red Sox，2004｜ 41 ｜ 47 a David Ortiz，Bost Red Sox，2005｜47｜40a』 Mark Teixeira，Tex． Rangers， 2005 ｜ $43 \mid 41 』$ Miguel Cabrera，Det． Tigers， 2012 ｜ $44 \mid 40 』$ Chris Davis，Balt．Or ioles， 2013 ｜ 53 ｜ 42 \＆Josh Donaldson，Tor．Bl ue Jays， 2015 ｜ 41 ｜ $41 』$ National League（Pos t－1900）\＆a $\mid$ \＆Home Runs｜Doubles a a Roge rs Hornsby，St．L．Cardinals， 1922 ｜ 42 ｜ 46 |


|  |
| :---: |
| the curve，roared down the hill，rattling ove <br> r a narrow plank bridge laid over a dry creek bed <br> It turned a corner and was gone．a Oh，ouch． <br> That knee had already taken a lot of abuse．$\lrcorner \Perp$ B runo pulled her to her feet and tried to hug her， the sneaky son of a bitch，but she was in freak－ou t mode，arms windmilling，tottering on the useless shoes．She pitched and swayed in the gusts of wind as＂Calm down，＂he was repeating，over and ove r，his tone pleading．＂Calm down．Just calm down． This is a safe place．＂a \＆He looked worried，sca red，gorgeous．She tried to breathe．Safe place，h er milk white ass．She laughed so hard it started her crying．He ended up hugging her，and she was $t$ 00 far gone to fight him off．\＆II just can＇t b e in a place like this，＂she gasped out．＂I＇ll go crazy．$" 』 』$ He glanced around at the terrifying， appalling nothing around them．Trees，bugs，rocks， sky．＂What＇s this？＂he asked．＂A place that＇s wild clean？Safe？What the fuck is not to like about this place？＂＂The reason I＇ve survived is bec |


|  | Required Expertise $=-0.36$ |
| :---: | :---: |
| des，Philip is well－known here，＂said Mrs Ingl is．$a \\| \mathrm{I}$ am not sure that it is a better place for me because of that，Aunt $\Perp$ Mary；but it is as good a place as any，I suppose，in which to begin $』$ with a small capital．＂』＂Pooh！about capita 1！The only men in the country worth their salt a began life without a dollar．Which of us has capi tal？And we are all $a$ bound to be rich men before we die，＂said Jem．as＂Yes，I dare say．If I w ere a boy of fifteen，I might say the same，＂$\Perp$ sai d Philip，with a sigh．$』$＂Hear him！You would think him fifty，at least．And if you mean me，＂a said Jem loftily，＂I am nearly seventeen．I only wish I were stwenty－three，with the world before me．＂\＆They all laughed at his energy．\＆$\&$＂Th ere is no hurry，Jem．You will need all the years that are before s you．Violet，put away your work and play，and the children will sing．$\# 』$ Viol et rose and opened the piano，and there was no mor e said at that $屮$ time．While the children were si nging，David went out，and，in a a little，called | d a great $』$ deal of business，and was possesse d of a good private fortune besides．A Flora was s ecretly engaged to Lieutenant Arnold－－secretly，th at is to as say，the engagement had not been declar ed，though everybody was aware $\Perp$ of it．It might b e a tolerable match when he became a captain，but it $₫$ would probably be a dozen years or more befor e he obtained his company．a They were both young， however，and time flies rapidly，as everybody $』 \mathrm{kn}$ ows，so they consoled themselves with hope．$』 T$ he family were sitting in an arbour in the garden， as they often did $\omega$ in summer；Arnold had brought a new novel which he had just conmenced areading aloud to them．The ladies－－their number increased by the addition of two cousins，who frequently $v$ isited them－－sat round the $\Perp$ table with their work exceedingly interested in the novel，which began $』$＇so charmingly，＇and promised to be＇so interest ing，＇when Arnold $\pm$ happened to look up，and glanc ing along the garden－walk，exclaimed，as as＇May I be shot，if stalking towards us yonder is not－－yes |

## Required Expertise $=0.56$ <br> ．．Devine，＿The Scottish Nation 1700－2000＿，pp 550－51 Angus Calder，，The People＇s War＿，P． 342 mmckendrick．com／code／blitzpage1．html，accessed 17 May 2013 \＆＇Greenock Corporation and the Blitz＇ ＿WW2－A People＇s War＿， 23 March 2004，bbc．co u k／history／ww2peopleswar／stories／34／a2453834．shtml， accessed 26 November 2012 a Angus Calder，The People＇s War＿，p． $457 』$ \＆Richard Croucher，Eng ineers At War 1939－1945＿，p． $85 』 \nLeftarrow$ Ibid．，pp． 1 02－4 $』$ Nina Fishman，－The British Commnist Part y and the Trade Unions 1933－1945＿，pp．317－18 a Transcript of interview with Agnes McLean，＿A Pe 25，keele．ac．uk／history／currentundergraduates／tltp ／WOMEN／SUMMERFI／TEXT／SUMER263．HTM\＃Title，accessed 2 October $2012 』$ a Penny Sunmerfield，＇Women and War in the Twentieth Century＇，in June Pervis（ed． ），＿Women＇s History：Britain 1850－1945＿，Routledg ，1995，p． $274 』$ Geoffrey G．Field，＿Blood，Sw

 be shot，if stalking towards us yonder is not－－yes eat，and Toil：Remaking the British Working Class，
## Writing Style $=2.10$

sh of bottled water． 4 Here＇s something el se，＂she said．＂Napoleon refused to go into debt． He despised financiers，and blamed them for many f the French Republic＇s shortfalls．Now he didn＇t mind confiscating money，or extorting it，or even depositing money in banks，but he refused to borro w．In that，he was totally different from all who came before him，or after．＂＂\＆Not a bad policy ，＂he muttered．＂Leeches，every one of the bankers She saw that prospect to be rid of them？ She saw that prospect seemed pleasing，but her gue st kept silent．＂Napoleon agreed with you，＂ she said．＂He flatly rejected the American offer $t$ o buy New Orleans and sold them，instead，the enti re Louisiana Territory，using the millions from th at sale to build his army．Any other monarch would have kept the land and borrowed money，from the le eches，for war．Napoleon has been dead a 10 ng time，Mastroianni said．＂And the world has cha ot true．You see，Robert，what Napoleon learned fr

## Facts \＆Trivia $=1.83$

Adams and George Wunderlich use the word＿ver tical＿as a synonym for＿back－to－front＿and＿horiz ontal＿for＿side－mounted＿．\＆ 41 ．The term＿down －picking－was coined in the 1960s by modern old－ti me banjoist Art Rosenbaum＂in order to avoid ridic ulous arguments about where＇frailing＇leaves off and＇clawhammering＇begins＂（Art Rosenbaum，－The A rt of the Mountain Banjo＿［Mel Bay，1999］，6）．For further discussions of down－picking techniques，se e in this＂ comparing the West African comparing the West African Jola form of down－picki ng to nineteen special thanks to Jayme form his field trip Mali in 2007 hn the eviously urreported pion when eviously unreported oun e used to play ithon Ames and Social Contexts（Evanston，IL．Northwestern Unive rsity Press，1971）for the Iechnique used to rsity Press，（44）and the molo＿（46）

## Educational Value $=1.71$

 $\ldots$ sure is exerted by a ratchet gear and wooden plates，squeezing more juice from the grapes． lates，squeezing more juice from the grapes．
One great thing about manual basket presses is tha One great thing about manual basket presses is tha
t you probably can＇t press hard enough that you ex tract the harsh compounds and flavors you don＇t wa tract the harsh compounds and flavors you din nt in your wine．The basic steps in pressin that all the parts of the press that come in conta that all the parts of press that come in conta ct with the grapes and juice are as clean as possi ble slats，the wooden half－mons base，the wood en slats，the wooden half－moons that go on top of
the grapes，and the central pole on which the ratc the grapes，and the central pole on which the ratc het sits，as needed．$』 2$ ．Place the metal base on flat ground or on the floor and assemble the pr ess：Figure $5-2$ shows a dissembled press and
its parts．Secure the ratchet pole with a large nut underneath the base． large nut underneath the base．
slats around the ratchet pole，Center the slats around the ratchet pole．
short metal pins into the brackets on the outside short metal pins into the brackets on the outside
of the slats． flow to the lip of the base and drain off into a c

## Required Expertise $=1.52$

a limited number of readers．＂In 1953，Irvin g Kristol rejected the Ford Foundation－sponsored $j$ ournal＿Perspectives USA＿as a model，calling it＂ $h$＂no effect whatsoever．＂Preuves had proven its elf successful and was distributed in Britain；Sco tt －Smith notes that by late 1951 it was＂a fully f tt－Smith notes that by late 1951 it was a fully f
ledged cultural review modeled on the format and o utlook of＿Der Monat＿and with the aim of being mo re comparable in style to＿The Nation＿and＿The Sp ectator＿．＂Intelligence and psychological－warfare octator＿－．Intelligence and psychological－warfare
officials in Washington liked＿Der Monat＿，which had＂a definite impact［on］the relatively limited German intelligentsia who are concerned with basic political and philosophical issues＂and had＂cause d worry and unhappiness to the communist party in Germany．＂（A member of the OCB also responded posi tively to a proposal to fund＿Confluence＿，a cult ural and political journal headed by an ambitious young Harvard graduate student named Henry Kissing er，but Kristol said flatly，＂I don＇t think I can

Table 13．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within StackExchange．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 4.

| 5 th percentile | 30 |
| :---: | :---: |
| Writing Style $=-2$. | Writing Style $=-1.74$ |
| Весь код：from selenium import webdriver \＆from selenium．webdriver．support．ui import WebDri verWait \＆from selenium．webdriver support import expected＿conditions as EC a from selenium．webdrive r．common．by import By \＆achrome＝webdriver．Chr ome（）chrome．get（＂https：／／bigjpg．com／＂）\＃\＃asse rt＇Bigjpg－Средство увеличения／ увеличения масштабирования без уве личения изображения AI с высоким ра зрешением с использованием глубоки x сверточных нейронных сетей＇in chro me．title $』$ fileInput＝chrome．find＿element（By．CSS SELECTOR，＇input［type＝file］＇）』filePath＝r＂C：\Us ers\user\Videos\Little＿Women＿1 \Little＿Women＿1＿0000 01．jpg＂』 fileInput．send＿keys（filePath）』\＃click on start button ac chrome．find＿element（By．CSS＿SELEC TOR，＇button．btn．btn－sm．btn－primary．big＿begin＇）．cl ick（）a \＃click on radio－button－ $4 \mathrm{X} 』$ chrome．fin d＿element（By．CSS＿SELECTOR，＇input［type＝＂radio＂］［na me＝＂x2＂］［value＝＂2＂］＇）．click（）\＆\＃click on radio－b utton－last noise element $』$ chrome．find＿element（B | heet2／Column A）and paste it on Sheet3／Column A $-->$ using the same format．\＆Here＇s the（CORRECT ）Sample Information List（Sheet2／Column A）：』N1＊ PEELMHURST CENTERXX＊454545457』N1＊PECOOPERXX＊1234 57777 \＆So，in the result should be：$A$ In Sheet $3 / \mathrm{C}$ olumn A．．．』EDI DEPARTMENT＊TE＊2658018518～N1＊PE＊E LMHUR \＆ST CENTER＊XX＊454545457～N4＊GREAT NECK＊NY＊11 $023 』 \mathrm{~N} 1 * P E C O O P E R X X * 123457777 \sim N 4 * N E W$ YORK＊NY＊10077 －5281～REF＊TJ＊133988001～LX＊7111～』The Code below i s incomplete．As it can only copy and paste on She et2 Column A．$』$ Option Explicit $』 』$ Public Su b Transfer（）$』$ Dim lngRow As Long，lngWriteRow As Long，strTemp As String $』$ Dim shtRaw As Work sheet，shtNew As Worksheet $\Omega \Omega^{\prime}$ Initialize $\Omega$ $』$ lngWriteRow $=1$ <br> ＇The row we ＇re writing to $』$ Set shtRaw $=$ Sheets（＂Sheet1＂） ＇The raw data worksheet $』$ Set shtNew＝Sheets（＂ Sheet2＂） <br> ＇The sheet with the concatenated te $x t \Leftrightarrow$ For lngRow $=1$ To shtRaw．UsedRange．Rows．C ount a If InStr（1，shtRaw．Cells（lngRow，1）， ＂N1＊PE＊＂，vbTextCompare）＞0 Then $\curvearrowleft$ |
| F | Facts \＆Trivia $=-1.60$ |
| ontent－manager／content－types（ 23 ms ） $200 』 202$ 0－11－10 15：25：49 default［20200930t185305］＂GET／c ontent－manager／content－types HTTP／1．1＂ $200 \sim 2020-$ 11－10 15：25：49 default［20200930t185305］［2020－11－ 10T15：25：49．432Z］debug GET／content－manager／conte nt－types（ 25 ms ） $200 』$ 2020－11－10 15：25：49 default ［20200930t185305］＂GET／admin／webhooks HTTP／1．1＂ 200 \＆2020－11－10 15：25：49 default［20200930t185305］ ＂GET／admin／cc1d824d8f006f0a47c72638f4ce0376．png H TTP／1．1＂ 200 \＆2020－11－10 15：25：49 default［2020093 0t185305］＂GET／admin／e631d2735799aa943d93d301abf 423d2．ttf HTTP／1．1＂500』2020－11－10 15：25：49 defa ult［20200930t185305］＂GET／admin／57d69e1d4ce0cc10 ace9264b4af92cf1．ttf HTTP／1．1＂ 500 \＆2020－11－10 15 ：25：49 default［20200930t185305］＂GET／admin／2d36b 1a925432bae7f3c53a340868c6e．ttf HTTP／1．1＂ $500 』 20$ 20－11－10 15：25：49 default［20200930t185305］＂GET／ admin／85d339d916479f729938d2911b85bf1f．ttf HTTP／1． 1＂ $200 』 2020-11-10 \quad 15: 25: 49$ default［20200930t1853 05］［2020－11－10T15：25：49．581Z］debug GET cc1d824d 8f006f0a47c 72638f4ce0376．png（ 6 ms ）200』2020－11－ |  |



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| ＊＊＊＊＊＊＊＊＊＊＊＊＊\＆2022／04／25 14：22：02．743 20973 | ．．．Code Type： $\begin{aligned} & \text { Foreground } \\ & \text { Role：}\end{aligned} \quad$ Parent Proc |
| yPlayerActivit | ［1］a a Date／T |
| e pointer $1 』 2022 / 04 / 25$ 14：22：02．743 | 2016－11－22 08：24：59．7336－0500 |
| 98 | 2016－11－21 13：45：09．9956－0500 |
| a）＇，Build type＇Development＇，Scripting | iPhone os 10．1．1（148100） |
| and＇mono＇，CPU＇armeabi－v7a＇\＆2022／04／25 14：22 | $104 』$ Exception Type：EXC＿CRASH（SIGABRT） |
| 22.7432097320997 Error CRASH Build fingerprint： | Exception Codes：0x0000000000000000，0x00000 |
| msung／gts7xlwifixx／gts7xlwifi：12／SP1A．210812．01 | 0000000000 al $^{\text {a }}$ Exception Note：EXC＿CORPSE＿NOT |
| 70xXu2CVCE：user／release－keys＇\＆2022／04／25 14： | IFY $\&$ Triggered by Thread： 0 \＆Appl |
| 32097320997 Error CRASH | ation Specific Information：abort（）call |
| 25 14：22：02．743 20973 20997 Error CRASH AB | 』 Filtered syslog： |
| arm＇$』 2022 / 04 / 25$ 14：22：02．743 20973 20997 Err | Last Exception Backtrace：』（0x18953e1c0 0x187 |
| RASH Timestamp：2022－04－25 14：22：02－0400 202 | 108 0x18f89359c 0x18f6f4444 0x18f4c |
| 22：02．744 2097320997 Error CRASH | 391d48 0x18f391c78 0x18f44bb10 0x18 |
| 7，name：UnityMain＞＞＞com．Defaul | 44424 |
| ent＜＜＜$\Perp$ 2022／04／25 14：22：02．74 | 20 |
| Error CRASH uid： $10785 』 2022 / 04 / 25$ | 7 c 7 ec \＆0x18c7e7c58 0x18c7e8678 0x1894eb7dc 0x |
| 97 Error CRASH signal 11 （SI | 940c 0x1894e989c 0x189418048 ¢x18ae9e198 0x |
| （SGV＿MAPERR），fault addr 0x0 0202 | 834 0x10002304c |
| （04／25 14：22：02．744 2097320997 Error CRASH Ca | ne：Dispatch queue： |


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Writing Style $=-0.23$

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| my head around how to initialize the control once I have the template working（Which，I pretty much do at this point I think）al link：function（sc ope，element，attr）\｛ attr．\＄observe （＇dpid＇，function（value）\｛ if（v alue）$\{』 \quad \$($＇\＃＇+ scope．dpid）．datet imepicker（\｛ language：＇en＇，』 pick12HourFormat：true \}); a \} a When I put that in the link directive，it does not hing．I don＇t even see any errors．scope．dpid is i ndeed showing the ID of the control so I thought i t would work．But alas，my febble understanding of javascript tells me that I am outside of the scope or some such nonsense where I cannot access the el ement．$\oiint$ Once I get that going，I am not exactly s ure how to make this data accessible in forms eith er．$A$ Any help is greatly appreciated．\＆Update $』$ Got the basic bit working，now I need to know how to get the data from the new control into my contr oller．Here is a link to the new jsfiddle updated． |

## Facts \＆Trivia $=-0.88$

．．．other post on stackoverflow．Which is will s how below．a mms＿connect（NULL，NULL，g＿tcUrl．av＿va 1，g＿hostname．av＿val，g＿playpath．av＿val，＂＂，g＿por t ，128＊1024）』 Note：』 NSString＊strTemp；
$』$ strTemp $=$＠＂mms：／／123．30．49．85／htv2＂． a strTemp＝＠＂mms：／／123．30．49．85／htv2＂；a／／strTe $\mathrm{mp}=$＠＂mms：／／212．58．251．92／wms／bbc＿ami／radio1／radi 01＿bb＿live＿int＿eq1＿sl0＂；a g＿tcUrl．av＿val＝new ch $\operatorname{ar}[$［strTemp length］+1$] ;$［strTemp getCString：g－ tcurl．av＿val al maxLength：（LstrTemp leng th］+1 ）encoding：NSUTF8StringEncoding strTemp $=$＠＂ 212 58 251 92＂，a strTemp $=$＠＂ 123 30．4 strTemp $=$＠＂212．58．251．92＂；』 strTemp $=$＠＂123．30．4
9．85＂；$\ddagger$ g＿hostname．av val $=$ new char［ $[$ strTemp gth］＋1］： gth］+1 ］；$\quad$［strTemp getCString：g＿hostname．a maxLength：（［striemp length］＋1）
hostname．av＿len＝strlen（g＿hostname．av＿val）；a／／s trTemp $=$＠＂／$/ \mathrm{mms} / \mathrm{bbc}$＿ami／radio1／radio1＿bb＿live＿int eq1＿sl0＂；a strTemp＝＠＂／htv2＂；\＆g＿playpath．av＿va ＝new char［［strTemp length］＋1］；

## Educational Value $=-0.00$

．．The program is GLock Softwares Advanced E－Mail Verifier Pro，it costs $\$ 99$ which is cheap for the NOR＇s in the first place than have to deal with th em．$\leadsto A$ ：It depends a lot on what you＇re using em． for a mailer．From your other question 1 in thinkin g you don＇t know what that is exactly．If you know you＇ 11 be dealing with a lot of non－delivery－repor ts（NDRs in email lingo）then set your From：addre ss to be a mailbox that can grow to very large siz es．Then you can presumably go through that and we ed out the bad addresses from your list．Depending on what your mailer is，you may have more options then that，though．$₫$ A：There is Javascript ASP source at CoverYourASP with a link to a descriptiv reading．A $A$ ：nice easy perl module to cover th at：Email：：Valid $』$＂This module determines whether at：Email：：Valid＂This module determines whether an email address is well－formed，and optionally，w es not however test that its deliverable by any me


#### Abstract

at equity is required for a player to offer th e cube（offer to double the game＇s stakes）？A How is that calculated？We don＇t know whether the cube ＇s recipient will accept or not．』 I start the sam e as question 1：The giver will double when his ex pected value of doubling is greater than his EV of not doubing（duh！）．If $\$ E V$（rolling $)$ is $\$ p-(1-p) \$$ ， and $\$ E V($ doubling $) \$$ is $\$ 2 p-2(1-p) \$$ ，then $₫ \$ E($ doubl ing $)>E($ rolling $) \backslash 』 2 p-2(1-p)>p-(1-p) \backslash \& p$ not BG expert，I did used to play for（small amoun not BG expert，I did used to play for（small amoun ts）of money in NYC．There is no way in heck that I would double with $51 \%$ chances． 0 OK ，that＇s all I got．How do we figure this out？AThanks．a A ：Let＇s assume that you and your opponent are mast Let s assume that you and your opponent are mast er analysts，so both of you always know the equity exactly．It＇s a fuli－information game anyway．a 1 \％advantage is that yfin \％advantage is that after you double，you lose the oubled．a If you double with a $51 \%$ advantage，the


## Facts \＆Trivia $=-0.06$

of harmonic functions in $\$\{$ mathbb $\{\{\{R\}\}\}\} \wedge\{\{$ \｛2\}\}\}\$. Admittedly, none would be guaranteed to co rrespond with analytic functions let alone approxi mate a desinfictly small orror bound I considered the with of ther I considered the viability of taking a Fourier dec parately original function．While this iderat iced that it would fail for cases where separabili ty is more enigmatic for an example I separabit e Schwarz－Christoffel transform．$\& \$ \$\{f\{\{\backslash l e f t(\{z\}$ \right）\}\}\}=\{\int $\{\{\{$ \｛ \} $\{\{\{0\}\}\}\}\} \wedge\{\{\{z\}\}\}\} \backslash$ frac\｛ $\{\{\{A$

 $\}+\{B\} \$ \$$ In the $\$\{A\}\{B\} \backslash$ in $\{\backslash$ mathbb $\{\{\{C\}\}\}$ $\}+\{B\} \$ 8$ In the above，$\$\{A\},\{B\} \backslash 1 n\{$ mathbb $\{\{\{C\}\}\}$ ral representation of co stants．Given the integ would present a particular challenge to separate t he components for an arbitrary choice of $\$\{x\} \_\{\{\{j$

## Educational Value $=1.02$

is willing to accept．The objective here is to get such large sets working with queries against 0 racle somer by these setting the revirements $d$ unacceptable by those setting the requirements： red procedures a a＊Anything requiring CREATE TYP $E$ to have been executed $a \leftrightarrow \leftrightarrow$ The solution to th is is not required to execute only one query to th $m$ trying to make this work by binding the clause a s an array，using code sourced from elsewhere：I | S an array，using code sourced from elsewhere：$a 1$ |
| :--- |
| List＜string＞values； | ter parameter＝new OracleParameter（）；$₫$ parameter ter parameter $=$ new 0 racleParameter

．ParameterName $=$＂parm＂；$\ddagger$ parameter．DbType $=$ DbTy pe．String；A parameter．Value＝values．ToArray（）． int［］sizes＝new int［values Count］；$』$ for（int in
int int［］sizes $=$ new int［values．Count］；$』$ for（int
dex $=0$ ；index＜values．Count；index ++ ）$\&\{$ sizes［index］$=$ values［index］．Length；$a\}$ parame Sizes［index］$=$ values［index］．Length；$\&$ parame
ter．ArrayBindSize $=$ sizes； mmand subsequently executes without throwing an ex

## Required Expertise $=1.13$

onality，for instance this or this，but it＇s s till good to have a quick＂you are here＂map when getting started．a I plan on updating this post，a nd hope to get help correcting mistakes．』One－way ANOVA：a Structure：DV is continuous；IV is ONE FACTOR with different LEVELS．A Scenario：miles －per－gal．vs cylinders Note that ncome vs Gender（M，F）is a t－test．a Syntax： fit＜－aov（mpg～as．factor（cyl），data＝mtcars）；s m （mpg～as．factor（cyl），mtcars） with $F$ dummy coded；a summary（fit） anova（fit）$\&$ Two－way ANOVA：\＆Structure： DV is continuous；IV is $>1$ FACTORS with different LEVELS．A Scenario：mpg～cylinders \＆carburat $\begin{array}{lll}\text { ors } \text { \＆Syntax：} & \text { fit＜－aov（mpg～as．factor（cyl）} \\ + \text { as．factor（carb），} & \text { mtcars）；；summa }\end{array}$ ry（fit）；TukeyHSD（fit）$\Perp$ Regression：fit＜－1m（mp g ～as factor（cyl）＋as．factor（carb），mtcars） \＃with F dummy coded；summary（fit

Table 14．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within Github．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 4.

| 5 th percentile | 30th percentile |
| :---: | :---: |
| Writing Style $=-2.28$ | Writing Style $=-1.76$ |
| ／Account；－＞name：Ljava／lang／String；al <br> ut－object v0，v4，v6 』 iget－object v0，p2， Landroid／accounts／Account；－＞type：Ljava／lang／String ；\＆aput－object v0，v4，v7 \＆move－o bject v0，p1 e move－object v6，v5 』 move－object v7，v5 a a invoke－virtual／range \｛ v0 ．．v7\}, Landroid/database/sqlite/SQLiteDatabase ；－＞query（Ljava／lang／String；［Ljava／lang／String；Ljav a／lang／String；［Ljava／lang／String；Ljava／lang／String ；Ljava／lang／String；Ljava／lang／String；）Landroid／dat abase／Cursor；\＆move－result－object v8 \＆ ．line $2470 』$. local v8，cursor：Landroid／databa se／Cursor；a ：goto＿0』 ：try＿start＿0 e invoke－interface \｛v8\}, Landroid/database/Cursor;-> moveToNext（）Z $\&$ move－result v0 $』$ if －eqz v0，：cond＿0 a ．line 2471 al const／ 4 v0，0x0 』 invoke－interface \｛v8，v0\}, Land roid／database／Cursor；－＞getString（I）Ljava／lang／Stri ng；a move－result－object v9 \＆．line 2472 a ．local v9，tmpkey：Ljava／lang／String；a const／4 v0，0x1 a al invoke－interface \｛v8，v0\} | yForm．application．\＄error＂＞ <br> ＜span ng－message＝＂required＂＞\｛\｛＇APP．ENTRIES．FORM．L ABEL．VALIDATION．APPLICATION．REQUIRED＇｜translate <br>  <br> ＜spa <br> n ng－message＝＂minlength＂＞\｛\｛＇APP．ENTRIES．FORM．LABE <br> L．VALIDATION．APPLICATION．MINLENGTH＇｜translate \}\} <br> ＜／span＞ <br> ＜span <br> ng－message＝＂maxlength＂＞\｛\｛＇APP．ENTRIES．FORM．LABEL． <br> VALIDATION．APPLICATION．MAXLENGTH＇｜translate \}\}</ <br> span＞ <br> ＜span ng <br> －message＝＂pattern＂＞\｛\｛＇APP．ENTRIES．FORM．LABEL．VALI <br> DATION．APPLICATION．PATTERN＇｜translate $\}\}</$ span＞ <br> ＜／div＞ <br> ＜／div＞ <br> ＜／div＞ <br> ＜div class＝＂form－group h <br> as－feedback＂ ng－class＝＂\｛＇h <br> as－error＇：entryForm．scope．\＄invalid \＆\＆！entryForm． <br> scope．\＄pristine， <br> ＇has－success＇：entryForm．scope．\＄valid \＆\＆entryForm <br> ．scope．\＄dirty\}"> <br> ＜label for <br> ＝＂scope＂class＝＂control－label col－md－3＂＞al |


|  | Facts \＆Trivia $=-2.19$ |
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| feedback\％20on\％20your\％20task＜／text＞』 |
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| $5 \mathrm{rem} ;$ a padding－top： 0.25 rem ；margin－right： |  |
| a margin－left：－0．75rem；$\sim$ \} A/* line 69, /U |  |
| sers／annaershova／．rvm／gems／ruby－2．2．1／gems／foundat | ＜／tr＞』 \＆＜tr＞』 |
| ion－rails－5．3．0．1／vendor／assets／stylesheets／founda |  |
| tion／components／＿sub－nav．scss＊／\＆．sub－nav dt $\left\{\begin{array}{l}a \\ \text {＜td classs＝＂type＂＞}\end{array}\right.$ text－transform：uppercase；$₫\} \leftrightarrow / *$ line 75，／User 』 $』$＜span class＝＂param－type＂＞int |  |
|  |  |
| annaershova／．rvm／gems／ruby－2．2．1／gems／foundation | eger＜／span＞ |
| rails－5．3．0．1／vendor／assets／stylesheets／foundatio |  |
| n／components／＿sub－nav．scss＊／↔．sub－nav dt，\＆．su |  |
| b－nav dd，』．sub－nav li \｛ \＆float：left；』 di |  |
| splay：inline；margin－left：1rem；a margin－b |  |
| ottom：0．625rem；font－family：＂got |  |
|  |  |
|  |  |
| $\text { or: \#g99999; a \} a/* line 85, /Us }$ |  |

## Writing Style $=-0.80$

Writing Style $=-1.30$
ns＇，options）；$』 / /$ if options is a strin g use default options and use string for logger na me let name if（typeof options $===$＇string $\begin{array}{ll}\text { name }=\text { options } & \text { options }=\{ \} \\ \text { in（＿instance）}\{ & \text { return instance }\end{array}$ （＿instance）\｛ return＿instance
Object．assign（＿options，options）
 ions．morgan \＆\＆＿options．morgan．app）\｛ $₫$ let ap $p=$＿options．morgan．app $』$ let format $=$＿optio ns．morgan．format app．use（morgan（format， ooptions．morgan））if Ine（typonf if（typeof＿options．line ！＝＝＇object＇）\｛ ＿options．line $=\{ \},\}_{a}$＿options．lin path $=$＿options．line．path II＿－dirname as act $\log 4 j$ sextend $\log 4 j \mathrm{js}$, ooptions．line $)$
$\log 4 j$ s．getLogger（＇jsdebugger＇）．level $=$＿options．le log4js．getLogger（ jsdebugger ）．Level－options． 1 ppenders let categories $=\{$ default．$\{$ ppenders let categories $=\{$ default．


## Facts \＆Trivia＝－ 1.52

；a impor
x．inject．Inject java．util．Collections；amport jav iomok Soter；import lombok．Getter；impor t lombok．Setter；\＆import net．runelite．api．Client import net．runelite．api．GameState；$\&$ import net． runelite．api．ItenComposition；$』$ import net．runelit e．api．MenuAction；$』$ import net．runelite．api．MenuEn try，import oper d；A import net．runelite．api．events．FocusChanged； import net． mport net．runelite．api．events．Menuopened，impor ort net runelite ani events PostItemComposition： ort net．runelite．api．events．PostitemComposition； mped ked；import net runelite api widgets ．WidgotItem． import net．$u n$ elite．api．widgets．W import net．runelite client game ItemManager；a rot net runelite client input KeyManager， ort net．runelite．client．input．KeyManager；impor ．runelite client menus WidgetMenuOption，a import net．runelite client plugins Plugin． ，

Facts \＆Trivia $=-0.98$
．empty）val resp $=$ requestEntity（GET，ent tyPath，paramMap）new RestResult（resp．statu s，getTransactionId（resp），getRespData（resp））』 n．list to extract sequence of activation ids ＊＊aparam rr run result should be from whis kActivation．list otherwise behavior is undefined ＊＠return sequence of activations $\quad * / \sim$ df idsActivation（rr：RestResult）：Seq［String］$=\{$ r．getBodyListJsobject．map（r $\Rightarrow$ RestResult getFiel $d(r$＂activationId＂）toString）$)$ RestResult．getfie ＊Gets activation logs by id＊＊＊emara activationId the activation id $*$ aparam ectedExitCode（optional）the expected exit codo fo the comand＊if the codo is anything but $D$ ONTCARE EXIT，assert the code is as expected a $/ 』$ def activationLogs（activationId：String， pectedExitCode $\cdot$ Int $=0 K$ intValue）（implicit wo
 basePath／namespaces／\＄\｛wp．namespace\}/\$noun/\$activat

Educational Value $=-1.16$
．．ALPHAMASK VERTEXCOLOR＂）；ShaderVariation alphaTexturePS＝graphics＿－＞GetShader（PS，＂Basic faFormat＝Graphics：：GetAlphaFormat（）unsigned alp （unsigned $\mathrm{i}=$ batchStart： $\mathrm{i}<$ batchEnd ．+i ） （unsigned $i=$ batchStart；$i<$ batchEnd；$++i$ ）
const UIBatch\＆batch $=$ batches $[i]$ ． if（batch vertexStart $==$ batch vertexEnd ） （batch．ver ander Shatervariation＊ps； ShaderVariation＊vs．a a if（Ibatch text ure＿）a $\quad$ if＝noTexturePS vs＝notexturevs；$』 \quad \Omega \quad\}$ ise oly \｛a ains only an alpha channel，use alpha shader（for Vs＝difftextureVS； ps＝alphaTexturePS；el else if（batch blendMode ！＝BLEND ALPHA \＆\＆batch blendMode ！ BLEND＿ADDALPHA \＆\＆batch．blendMode ！＝BLEND PREM ALPHA）a DS＝diffMaskTexturePs ALPHA a else $\AA$ DS $=\operatorname{diffMaskTexturePS,~}$
graphics＿－＞SetSh

|  |
| :---: |
| ；ef namespace Azure．ResourceMana ainerService a $\{\otimes$ public partia IonedCusterData－Uutf8Jsonserializ |
| void IUterfsonseri |
| Jsonvriter writer）a（e |
| er．Writestartobject）； |
| ．Isoef ined（Identity）） |
| writer．Writepropertylan |
| Jonnserializer．Serial |
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## Required Expertise＝ 0.45

ILE＿CONTENT；a import static com．google．gerrit acceptance．PushOneCommit．FILE＿NAME；$\#$ import stat ic com．google．gerrit．acceptance．PushoneCommit．SUBJ ECT；\＆import static com．google．gerrit．extensions． client．ListChangesOption．ALL＿REVISIONS；a import s tatic com．google．gerrit．extensions．client．ListChan gesOption．CHANGE＿ACTIONS；a import static com．goog le．gerrit．extensions．client．ListChangesOption．CHEC $K ; 』$ import static com．google．gerrit．extensions．C lient．ListChangesOption．COMMIT＿FOOTERS；a import s tatic com．google．gerrit．extensions．client．ListChan gesOption．CURRENT＿ACTIONS；\＆import static com．goo gle．gerrit．extensions．client．ListChangesOption．CUR tensions．client．ListChangesOption．CURRENT＿REVISION tensions．Client．ListChangesOption．CURRENT＿REVISION ent．ListChangesOption．DETAILED＿ACCOUNTS；\＆import static com．google．gerrit．extensions．client．ListCha ngesOption．DETAILED＿LABELS；a import static com．g oogle．gerrit．extensions．client．ListChangesOption．L ABELS；』 import static com．google．gerrit．extension
ed to initialize the pseudorandom number gener ator．Should be used for testing only If the seed is None then the pseudorandom number generator is seeded randomly and subsequent calls to this function return unrelated resul ts．$』$ Returns：$』$＂n＂an integer in the ra nge $0 . .2 * * n-1 』$ raise NotImplem entedError（＂must be implemented by subclass＂）
a class Urandom（Rng）： a class Urandom（Rng）：：』＂A pseodorandom number generator using os．urandom．
this pseudorandom number generator should be indis this pseudorandom number generator should be indis tinguishable a from random data．
def RandomBits（self，n：int，＊，seed：Optional［int ］＝None）－＞int：＂＂n＂See base class．＂＂＂a del seed \＃Cannot seed os．urandom a $b a=0$ ． urandom $((n+7) / / 8)$ seq＝int．from＿bytes（b
 $\mathrm{g}): 8$ return seq Uses SHAKE128 to generate pseuldrand bits．$\bumpeq$ SHAKE128 is a cryperate pseudorandom pseudorandom ner

## Facts \＆Trivia $=-0.47$

nager－ServiceClient＊＊dialog box，expand the ＊＊Projects＊＊node，and then click $* *$ Solution $n *$ ．as 9．In the projects list，point to $* *$ Common $* *$ ，and then select the check box next to the project name
 a node，and then click kxframeworkn．Scroll down the assemblies list，poont to $k$ System．Servic eMode1xk assemly，select the check box next to e assembly name，and then click $* * 0 \mathrm{~K} *$ The reference was added to gain access to the serv ries 11 In axSolution Explorer＊＊libra ries．\＆11．In $* *$ Solution Explorer $* *$ ，expa ＊＊Program cs＊＊a 12．To the $x$ inst section the trogram．cstion at irectives，\＆…cs \＆using HotelBo irectives．using Hote 413．At the beginning of the $* * M a i n * *$ method，add the following lines of code before the commented c ode．$\Omega$ ．．．cs al ChannelFactory＜IHote


Educational Value $=0.34$
sforma os｀．swapcase｀maiúsculas em uma string em minúsculas e as letras minúsculas em maiúsculas －＇ruby＂hELLO wORLD＂．swapcase \＃＝＞Hello World’ 』 a \＃\＃\＃Capitalizar：』 』＊ 0 método｀．capitalize －transforma a primeira letra em uma string em mai úsculas e o restante na string em minúsculo．＇ruby ＂HELLO＂．capitalize \＃＝＞Hello＂HELLO，HOW ARE YOU？＂ ．capitalize \＃＝＞Hello，how are you？＇© Observe que a primeira letra só é maiúscula se estiver no início da string．＿‘ruby＂－HELLO＂．capitalize \＃＝＞ hello＂1HELLO＂．capitalize \＃＝＞1hello＇』』\＃\＃Mar cha ré：$\Delta \omega_{0} 0$ método＇．reverse＇inverte a or dem dos caracteres em uma string．＇ruby＂Hello Wor ld！＂．reverse \＃＝＞＂！dlroW olleH＂• a $a$ \＃\＃\＃Dividido ：』\＆ 0 ＇．split＇pega uma string，＿divide＿ $\therefore 』$ ．$\quad 0$ ．split pega uma string，＿divide －＇ruby $』$＂Hello，how are you？＂．split \＃＝＞［＂He 110，＂，＂how＂，＂are＂，＂you？＂］\＆ a＊ 0 método padrão divide a string com base no te seja fornecido（veja o segundo exemplo）．＇ruby

## Required Expertise $=1.07$

```
|************************************************
```

DSPI EDMA master handle typedefs */ a typedef
DSPI eDMA master handle typedefs. $₫ * /$ typedef s
truct _dspi_master_edma_handle dspi_master_edma_ha
ndle_t; $』 \Perp / *!a *$ @brief Forward declaration 0
f the DSPI eDMA slave handle typedefs. $a * / \leftrightarrow$ type
def struct dspi_slave_edma_handle dspi slave type
def struct _dspi_Slave_edma_handle dspi_slave_edma

ck function pointer type. \&
SPI peripheral base address. \& @ @param base D
SPI peripheral base address. A $*$ @param handle $A$
pointer to the handle for the DSPI master. \& * @p
aram status Success or error code describing wheth
aram status Success or error code describing wheth
arbitrary pointer-dataSized value passed from the
arbitrary pointer-dataSized value passed from the
application. $\quad * / 』$ typedef void ( $*$ dspi_master_ed
dspi_master_edma_handle_t *handle, el
status_t status,
void *userData); 』/*! 』 * @brief Completion cal
lback function pointer type. \& $* \& *$ @param bas
e DSPI peripheral base address, $4 *$ @param hand

Table 15．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within ArXiv．For each criterion， the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 4.

| 5 th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-1.17$ | Writing Style $=-0.24$ | Writing Style $=0.33$ | Writing Style $=0.91$ |
| ．．．\＆\multicolumn\｛5\}\{c! \{\vrule width \heav yrulewidth\}\}\{\textbf\{DementiaBank Pitt\}\} | 1）$\wedge 2 \mid\} \backslash \backslash 』 \&=\mid$ frac $\{1\}\left\{b \_\{n+1\}\right\} \backslash \exp \mid\{-\mid$ frac\｛1 $\}$ <br>  | ance levels，$\$$ alpha $=0.01,0.05,0.1, \$$ and $\$$ $0.2 \$$ ．The knockoff method using lasso－based LCD fe | en $₫$ one of these point particles is modelled as the source of an appropriate metric of gener |
| \＆\multicolumn\｛3\}\{c! \{\vrule width \heavyrulewidth\} |  | ature statistics outperforms BH by a wide margin w | al relativity．For example，neutral particles da |
| \}\{\textbf\{JCCOCC MoCA\}\} \& $\operatorname{lmulticolumn\{ 4\} \{ c\} \{ \backslash text~}$ bf\｛TOPGO $\}$ | $n\}(\backslash \log \backslash b o l d s y m b o l\{b\} \wedge\{n\}-\mid$ boldsymbol $\{\backslash m u\}\{\{n\})) \backslash r$ <br> －ight＾＾21－ | hen $\$$ lalpha $=0.2 \$$ by successfully exploiting spar | re modelled by Schwarzschild metric and electrical or magnetica $y$ charged ar pricicles are modell |
| 11 a \cline 7 －18\} a | 0 the probability density function of a log－normal | due to the threshold phenomenon．The cknockoff met | ed by Reissner－Nordstrl＂om metric．Finally，the |
| \＆ | distribution，we have $\mathrm{sb}_{-}\{n+1\} \backslash \backslash$ boldsymbol $\{6\}^{\wedge} n \backslash$ \s | hod described in this paper outperforms both BH an | quantum mechanical wave－function of the other part |
| \＆\＆ |  | d knockoffs．\} \& \labelffig: mcc-block\} \& \end } | icle in the a background of this space－time is an |
| \＆\＆$\quad$ \multicolumn\｛2\}\{c\|\}\{Dev |  | figure\} $\& 4$ \subsection\｛0utline and contribut | alysed to deduce the corresponding ascattering a |
| \} $\quad \&$ \multicolumn\｛2\}(c)\} ${ }^{\text {aval }}$ |  | ions\} \label \{sec:outline\} ad In this work, we pr | mplitude．The effect of electromagnetism is also s |
| \} \& \multirow 23$\} \times\}\{$ veral1］\＆$\backslash$ multirow 22$\} \times *\}$ |  | opose the \｛\em calibrated Knockoff procedure\} (ckn | tudied when the particles also carry electric a |
|  |  | ockoff），a method that controls finite－sample For | nd／or magnetic charges．Next，we replace thes |
| verall\} \& $\operatorname{\text {multirow}}$（2\}\{*\}\{Seve.\} \& Inultirow\｛2\} |  | in the Gaussian linear model with fixed design．Ou | e black hole metrics by their counterparts in ad |
|  | $\$ label $\{1$ emma \＆Consider the model（1）（without t | $r$ method acts as a＂wrapper＇＇around any implemen | ilaton gravity，i．e．those that arise in low energ |
| \｛Overall\} \I $\#$ | ime－series），given \＄（p（ \ Mmathbffx\}_1), \1dots, p( \mat | tation of fixed－SXS knockoffs，uniformly improving | y string theory．Here，a we see that the above me |
| \＆ |  | its power by means of a \｛\em fallback test\} that a | ntioned modelling cannot be done by generic black |
| \＆ | tribution of \＄p（ $\backslash$ mathbf $\{x\}$＿$\{n+1\}$ ）s is a logit－norm | 110 ows for the rejection of variables not rejected | a holes as was the case for general relativity．If |
| $\& \quad \&$ PAR | al distribution，that is，$\& \$ p(\backslash$ mathbf $\{x\}$＿$\{n+1\}$ | by knockoffs．$\downarrow$ For a generic fallback test st | we consider charged a particles，for example，the |
| \＆INV．\＆PAR． | ）｜\boldsymbol\｛p\}^n\sim Logitnormal (m ( boldssymbol\｛p | atistic \＄T＿j（lyct y）\＄，we calibrate a data－adaptiv | modelling can be successfully done only by a extr |
| \＆INV．\＆ |  | e rejection threshold \＄Shat\｛c\}_j (1vct y)s, and rej | emal black holes to be able to calculate the scatt |
| \＆ | symbol\｛p\}^n)=\mu(\mathbf\{x\}_\{n+1\})+\boldsymbol\{r\}_ | ect $\$ H-j \$$ for any $\$ j \$$ in the knockoff rejection se | ering amplitudes．a This supports the conjecture |

Facts $\boldsymbol{\&}$ Trivia $=-1.63$
．ations（3．9）and $\$ \backslash$ phi $1=1 \backslash$ phi\＄imply $』 \backslash$ be gin\｛equation $』$（Alphi－－phi A）V $=0$ ．$\backslash$ end $\{e$ uation\} On the other hand the action of \$1phis on the second of（3．9）yields $\& \$$ phi（l\phi $V$ ）$=$
 ch，by virtue of（1．1），is written in the form an eginfequations（1．1），is far from（1－1）and（30）Mondean ver，from（1．1）and（3．9）we obtain：$a \$ \$(1 \backslash p h i)$ phi $V=1 \backslash$ phi ${ }^{\wedge}\{2 \mathrm{JV}=-1 \mathrm{~V}= \pm-\backslash \mathrm{frac}\{\mathrm{c}\}\{4\} \mathrm{V}$ Valpha A V，\＄\＄therefore $』$ loegin\｛equation\} an (1\p hi）\phi $V=-$－fraciç\｛4JV（alpha（Alphi）\phi using $\$$ phi $1=1$ phis we（3．11）and（3．12），an ）（Alphi－phi A）phi $v=0$ begnequati 3）But from（1．1）and（3．8）we also have lb （Alphi－Thi A）$\times \mathrm{xi}=0$ \ond intequationk and（ 10.10 ）（ 3.13 ）and equation\} \& Therefore, $(3.10),(3.13)$ and（3．14）
imply that $\$ A \backslash p h i=$ phi $A \$$ ．This result and pleorems（ 0.1 ）and（ 0.2 ）comele the proof the theorems 0.1 ）and（ 0.2 ）complete the proof of


Facts $\boldsymbol{\&}$ Trivia $=-0.89$
d\}_\{\mathcal\{S\}^\{*\},n\} \to \ensuremath $\{\backslash$ tilde $\{$ Imathfrak\｛p\}\}\}(m) \text\{-mod\}_\{\mathcal\{S\}, n\}\$ fro m \cref \｛Udottilde，SS：websforP，SS：Chevalleyi somorph ism\}, respectively. Consider the following compos ition of functors：$₫$（begin\｛equation $\backslash \backslash$ label $\{E:$ comp ositefunctor\} a \begin\{tikzcd\}[column sep } = 8 ex］ $』$ mathbf\｛\dot U\}(\ensuremath\{ $\backslash m a t h f r a k\{p\}\}(n))$ arrow r\}\{ $\{$ \operatorname\｛pr\} \circ \Psi\} \& \mathb
 hbf\｛Veb\} \{\uparrow_ n\} \arrow\{r\}\{p\extup -$\}$ mat 1\}\} \& \mathfrak\{p\}\textup\{-\}\mathbf\{Web\} \{\downa
 $w, n\}\}$ \＆$\backslash$ ensuremath $\{\backslash$ tilde $\{\backslash$ mathfrak $\{0\}\}\}(\mathrm{m})$ \te $x t\{-\bmod \}\{$ mathcal $\{\mathrm{S}\}$ \} $\}$ vation\} Since \$\Psis and \$loperatornamo\{refl\}\$ uation since s are covariant the entire composite is covarian In addition，since each functor is full
entially surjective so is the composite we have the following result $\leftrightarrows$ lbegin\｛theore

Educational Value $=0.13$
deux fibr\＇es $屮$ ad \＇eliques hermitiens sur $\$ \backslash$ Spec $K \$$ ，et a $\$$ f：E\rightarrow $F \$$ un homomorphisme Pour toute a $\$ v \backslash$ in\Sigma\＄，on $d \backslash$＇esigne par $\$ h \_v($
 application $₫$ F＿－＿ n outre $\rightarrow \backslash[h(f)=\backslash$ frac\｛1\} $\}[K$ ：$\backslash$ mathbb 07$\} \backslash$ sum $\{v \backslash$ in \Sigma\} an vh v(f) \] L'in\'egalit \'e de pen Sigmuivante pui relie les pentes egarimales pe a source et du but d＇un homomorphisme a injectif fibrl＇es vectoriels ad \eliques，sera utilis）＇ ee plus loin dans la rithm\＇etiques．$\leftrightarrow$（begin\｛prop $\}$ Soient $\$$ loverl ine E\＄et \＄loverline F\＄deux fibr\＇es a vectoriels ad＇eliques non－nuls，$\$ f$－Elrightarrow $F \$$ une $a$ lication $\$ K \$$－lineaire injective．Alors on a $』$ l＇in \＇egalit\＇e suivante～：a \begin\｛equation\}\label $｛equation\}\label }\{\mathrm{E}$ $\mathrm{u}:$ pente\} a $\backslash$ widehat $\{\backslash m u\}$ \｛ $\{$ max $\}$（loverline E） ）leas ant $₫ \backslash$ widehat $\{\backslash$ mu $\}\{\backslash \max \}$（ $\backslash o v e r l i n e ~ F)+h(f)$ ） nd\｛equation\} $\Perp$ \end\｛prop\} $\Perp$ \begin\｛proof\} $\Perp$ Voir cite［Lemme 6．4］\｛Gaudron07\} pour la ad d 'emonstrat

Facts \＆Trivia $=0.01$
ng trend when adding 6400 or more labeled revi ews．$₫$ One possible reason is that when adding int 0 the training data a small number of English revi ews translated from the labeled Chinese data，ath e training signals they produce might be lost in $t$ he vast number of English training samples，thus er interesting find is that it seems a very Anall ar interesting find is that it seems a very small amount of supervision（e．g． 100 labels）could sign ificantly help \texttt\｛DAN\}. al However, with the ame number of labeled reviews，Itexttt\｛ADAN\} stiln outperforms the \texttt\｛DAN\} baseline. A \begin } finclure mi－sup－wadan．pdf\} 』 \caption\{\texttt\{ADAN\} perfo mi－sup－wadan．paft mance for Chinese in the semi－supervised setting when using various amount of labeled Chinese data
 nd\｛figure\} $\&$｜begin\｛figure＊\}[ht] \centerin an coarselabels example pdf\} $』 \backslash$ caption $\{$ \sma

Educational Value $=0.75$
．．as a computer（MIL－5min model）and $\$ 2 \backslash$ times 50 $00 \$$ samples when the sample was a single URL strin g （MIL－URL model）．The gradient descend was run fo r 50000 iterations．Because loading the data was very time consuming，the stochastic gradient desce nds used a circular buffer of size 5 ，which means that every minibatch was reused 5 times．This mean s that although the SGD used 50 000 steps，it has seen only 10000 ＂new＂mini－batches steps，it has ection\｛Prior art $\}$ a The proposed solution has been compared to two approaches ．－．manually designed f compared to two approaches－－－manually designed f achlica2017learning\} (called R. Forest) and an app roach based on convolution neural network～\citefsa xe2017expose\} (called expose). They were selected as they represent state complementary approaches $n$ the prior art．$\lrcorner\lrcorner R$ ．Forest classifier $\sim$ lcite $\{m$ achlica2017learning\} uses a set of 398 hand－design ed features that are used with a random forest cla ssifier to separate URL strings of benign and mali cious applications．This approach is a good protot

## Required Expertise $=2.09$

nd \＄w＿2＝\exp（－\theta）\｛\dot \phi\}\$. The acomp lete and vertical lifts of the above basis are $\omega$ ［ $₫$｜clift $X=\backslash$ fpd $\}\{x\}$ ，\quad $\backslash v l i f t ~ X=\backslash$ fpd $\}$

 dquad \vlift $\{$ \hat E\} $1=\backslash$ fpd $\}\{\{\backslash$ dot $\backslash$ theta $\}\}$ ， ，\quad \vlift $\{\backslash \text { hat } E\}_{-} 1=\backslash$ fpd $\}\{\{\backslash$ dot $\backslash$ theta $\}\}$,
 $\mathrm{A}\} \$$ ，defined by the relation $\$($ lhat $\# E\} \_a(\mathrm{x}, \mathrm{g})=\{$ A\}_ab $(\mathrm{g})\{\backslash$ tilde $E\} \_b(x, g) \$$ ，is here $\leftrightarrows \backslash[a\{A\}(g)$ A\}_abb(g) \{\tilde E\}_b(x,g)\$, is here $\ \backslash[$ \＆$\{\mathrm{A}\}(\mathrm{g})$
 ty of the Lie group，the matrix $\$\{A\} \$$ is the ident ty of the Lie group，the matrix $\$\{A\} \$$ is the ident
ity $\leadsto$ matrix，as it should be．$\&$ If we use the ity matrix，as it should be．a If we use the
invariant fibre coordinates $\$\left(v^{\wedge} 0, w^{\wedge}\right) \$$ ，the induc ed $』$ action on $\$ T M \$$ is simply $\left.\backslash \backslash \& \$ \mid p s^{\wedge} \wedge T M\right\} \quad\{(\backslash p h$ i＿1，\theta＿1）\}(x, (\phi, \theta), \dot x, w_1, w_2) $=\leftrightarrows(x,(\backslash$ phi＿1，\theta＿1）＊（\phi，\theta），\dot x，w－ ，$\left.w_{-} 2\right) \$$ ．Since the $a$ coordinates $\$\left(x, \backslash \operatorname{dot} x, w_{-} 1\right.$

Facts \＆Trivia $=1.04$
$m+1\} \$$ by utilizing the history of template ind ices $\$$ H＝t＿0，\dots，t＿m\＄．In other disciplines，nume rous deep learning methods increase their performa nces by incorporating large amounts of data availa these data is inser．A common approach to use nguage proce is unsupervised learning．In natural la 3distribuced？ nd more ，wecent 3distributed\} and more recent language models BERT icite\｛devlin2018bert\} are standard and responsibl e for significant improvements in various NLP task s．These models are pretrained on large corpora of text such as Wikipedia and later fine－tuned on the particuly task anorobust）utilize are－trained word embeddings t numericall of numerically represent the $\log$ templates instead
of where they observe small improvements in the predi where they observe small improvements in the predi ction of unseen logs．$』$ However，the learning of the sequence of template indices and the enhanc

## Educational Value $=1.43$

\Pi \＄（i．e．，\＄\hat\｛\epsilon\}_\{min\} \$) and the empirical average regret of the learner（i．e．，\＄ hat\｛\epsilon\}_\{regret\} \$). Similar to DAGGER~\cite \｛ross2011reduction\}, the second term can be elimin ated if a no－regret algorithm such as Follow－the－L eader～\cite\｛hazan2007logarithmic\} is used. The thi rd term implies the number of training examples \＄ KN $\$$ needs to be $\$ \backslash m a t h c a l\{0\} \backslash l e f t\left(T^{\wedge} 21^{\wedge} 2 \_\{\max \} \backslash l o\right.$ g $\{\backslash f r a c\{1\}\{\backslash m u\}\} \backslash r i g h t) \$$ in order to become negli gible．We can achieve $\$ \backslash$ mathcal $\{0\} \backslash \operatorname{left}\left(T^{\wedge} 21^{\wedge} 2 \_\right.$\｛ma x\}\log $\{\backslash$ frac $\{1\}\{$ Imu $\}\} \backslash$ right）$\$$ samples easily as $A$ DAPS uses principled simulations for generating th em．With these changes，this theorem can lead to $t$ he following Corollary．$\$$ Ibegin\｛corollary\} If $\$ 1 \$$ is convex in $\$ \backslash$ pi $\$$ for any $\$ \$ \$$ and $i$ d to select the learned policy，then for any $\$$ lep silon $>0 \$$ ，after collecting $\$$ mathcal $\{0\} \backslash$ left $(\backslash$ frac\｛T＾21＾2＿\｛max\}\log\{<br>{frac\{1\}\{\mu\}\}\}\{\epsilon^2\}\} right）\＄training examples，with probability at le ast \＄1－\mu \＄，\＄\mu $\operatorname{lin}(0,1) \$$ ，ADAPS offers the

## Required Expertise $=2.51$

of the points \＄P＿i\＄．Take the fiber \＄F＿i\＄of the $\$ \backslash$ mathbb $\{P\} \wedge 1 \$$－bundle morphism of $\$ \backslash$ mathbb $\{F\}$＿ $1 \$$ to $\$ \backslash m a t h b b\{P\} \wedge 1 \$$ that passes through the point equiv $2 C+\backslash$ frac $\{1\}\{2\} \backslash$ have $₫\left\{\left[-K_{-}\{\right.\right.$mathbb $\{F\}$＿ 1$\left.\}\right\}$

 d $\$ \backslash$ tilde $\{F\}$＿i $\$$＇s are the proper transforms of $\$ C \$$ and $\$ F \_$i $\$$ by $\$ \backslash p h i \_1 \$$ ，respectively．$A$ Since $\$ B \backslash e q$ uiv \tilde\｛F\}_i+E_i\$ for each \$i\$, we have $屮 \backslash\left[-K_{-}\right.$



 $\$ \$$ has an $\$ H \$$－polar cylinder．A lend\｛proof Theorems - ref $\{$ theorem：BR3－7\}, \ref\{theorem:BR2\}, ref\｛theorem：CL3－6\} and \ref\{theorem:CL0-2\} imply 4 （1），（2），（3），and（4）in Theorem $\sim$ ref $\{$ theorem： main－hard\}, respectively. $A$ \subsection\｛Cylinde rs in del Pezzo surfaces of degree $\$ 1 \$\} \pm$ label\｛s ection：cylinders－degree－1\} $\quad \& \quad$ In order to

Table 16．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 1 （ $\mathbf{8 . 3 \%}$ ）like，just，people，think，know，don，really，ve，time，going．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-1.31$ | Writing Style $=-0.36$ | Writing Style $=0.63$ | Writing Style $=1.51$ |
| $』$ Push Ziggler！ $7 』$ Find all posts by FordTa urusSH094 $\curvearrowleft$ That Don Guy $\curvearrowleft$ I wouldn＇t be surprised if the Money In The Bank winner ends up being eith er Cena or a surprise return by Batista（remember when everybody thought Daniel Bryan was leaving WW $E$ ？），who then decides，＂I don＇t want the belt this way；I＇ll wait for Daniel Bryan to return，and the n cash in the briefcase．＂$₫$ What they should have done：have him hand over one of his two belts，the $n$ ，when he＇s better，they＇ll hang both belts over the ring and have a ladder match for the＂unified＂ title（after which they can finally retire one of them－having both of them around is meaningless $u$ nless there＇s another split coming up）． $8 』$ Find a 11 posts by That Don Guy $』$ I am hoping the days of a non－heel Cena winning the championship in any wa $y$ at all are OVER．A Batista／Bryan could be good， as the＂broken promises＂relate to Batista not get ting the title at Wrestlemania．But if we are supp osedly moving to Brock／Bryan at Summerslam，we rea lly don＇t need Cena at all in the title picture．B | e pens offered as a selection．I＇m not looking for exact names so duplicating what I wrote as the name isn＇t required and having a typo won＇t disqua lify you．Picking a Visioneer would disqualify you since there＇s no universe where that＇s a typo or a good choice．$』 2$ ．One entry per person．』3．This is open internationally as long as USPS will ship there．Prizes will be declared as a gift but I am required to indicate a value．While this value wil $l$ be relatively small you will be responsible for any customs fees or taxes．A．I can＇t（won＇t）re place any prizes that may be lost or delayed in tr ansit．I use the lowest cost method with no insura nce and often no tracking outside the US．After ma ny years of problem free shipping my recent histor y has some international deliveries taking over 30 days while touring the customs house in multiple c ountries only to be sent back．This applies to U．S winners too，but it＇s mainly been an issue interna tionally．$\Perp 5$ ．Please leave your email address in the appropriate comment field．It will not be made | sturised．a Got any cuts on your hands？This 1 ovely soap is full of aloe so it＇ll speed up the ecovery process and help avoid any nasty infection s from developing．Most importantly，I like that this is a big bottle that lasts about 2－3 months $b$ ased on a normal family（although what is normal r ight？）．It means it＇s one thing of my list at the supermarket．Or two if you count the hand cream I don＇t need to buy．Or three because I also don＇t $n$ eed to buy baby bath．I＇m all about the thrifty bu ying！\＆We all want to protect our baby＇s delicate skin from harsh chemicals；it＇s just what we do as mums right？We want nothing but the best．These ar e the five products that I＇ve swapped into our bab y boy＇s routine which have been absolutely amazing $』$ Aloe Vera Soap－Super gentle for all types of sensitive skin but especially good for babies．I j ust put a pump in the bath for lots of bubbly fun． It＇s got a nice，natural scent and gives baby bum that fresh baby smell．$₫$ Aloe Vera Gelly－This on $e$ has been absolutely amazing for teething！When $b$ | st as it is awkward to ask wealthy people why they need so much money，why they use their wealth so poorly，and why they don＇t just get rid of it w hen they recognize that it is the cause of their $u$ nhappiness．－Anton Chekhov $₫$ Maybe that＇s what we look for in the people we love，the spark of unhap piness we think we know how to extinguish．－Tom $P$ errotta $』$ I suddenly wondered whether Mother might not actually be happy now，whether the sensation o f happiness might not be something like faintly gl ittering gold sunken at the bottom of the river of sorrow．The feeling of that strange pale light whe n once on as exceeded all the bounds of unhappines $s$－if that can be called a sensation of happiness the Emperor，my mother，and even I myself may be said to be happy now．－Osamu Dazai $』$ For years of our lives the days pass waywardly，featureless，wi thout meaning，without particular happiness or unh appiness．Then，like turning over a tapestry when you have only known the back of it，there is sprea d the pattern．－Jane Gardam a Today，I go east． |


| Facts \＆Trivia＝－ 1.91 |
| :--- |
| ．．o be able to grieve that，right？No，you can， |
| that＇s okay．That＇s okay．It doesn＇t bother me，ri |
| ght．I know how amazing my partner is for my girls |
| and vice versa．But I also understand that as a pa |
| rent，you have these visions of what your child＇s |
| life is going to look like as an adult．And when i |
| t doesn＇t turn out that way，and it almost never d |
| oes，it is okay to grieve that vision．And I think |
| the response I got was，it was incredible to me be |
| cause it was so many people sent that post to thei |
| r parents and said，It＇s okay for you to grieve．A |
| nd then those parents came back to me and were lik |
| e，thank you because I needed that．Right．And tha |
| t was just that．I think that was a huge part of w |
| hy we started that because the support group is th |
| at we need those places．We need those places wher |
| e we can feel that whole spectrum of emotion． H We |
| absolutely do．In fact，I told，and one of the few |
| things that I have let slip since the kids have co |
| me out is，I think it was last weekend said，＂You |
| know，I＇m sad．I＇m never going to get a son－in－la |


| E | Educational Value $=-0.73$ |
| :---: | :---: |
| deal．There＇s too many others．a Steven Butala That only works for women．\＆Jill Dewit：Oh．Wel 1，then ask a woman．a Steven Butala：Men are hard wired to be distracted．ASteven Butala：I＇ll go o ut on a limb here．Here＇s my girl．a Steven Butal a：I love her，and we have history．Oh，wait．Ther e＇s a girl over there？a Jill Dellit：Do you really want to use this example？\＆Steven Butala：Wait a second．Wait a second．Look．I＇m not saying I＇ve e ver partaken in anything like that．a Steven Butal a：I＇m just saying．Jill DeVit：You don＇t have a better example．How about a boat？a Steven Butala： Yeah．A boat．There it is．Jill DeWit：Here＇s my beautiful boat．\＆Steven Butala：Boats are good．A Steven Butala：There＇s a bigger boat．a Jill DeWit 10 years younger．It looks an awful lot like m y boat．\＆Steven Butala：That＇s a bigger，better， but younger version of the boat that I already hav e．a Jill DeWit：But it＇s 10 years younger．Actual ly，it＇s the same boat 10 years younger．a Steven Butala：So what that it＇s more expensive．$₫$ Jill D | ＇s performance in the Daytona 500，the meaning might just fit．In the final six laps of the race， Gordon made several moves to prey on leader Tony S tewart，and rob Budweiser nation of another Dayton a victory．Running in second as the laps wound dow n ，Gordon had two options．He could stay in line a nd push Stewart to a victory．Or he could take his chances and pull out of line，hoping that his team mate back in fifth place could move up and help hi m．Nobody would have faulted Gordon for taking the safe road．After all，in a day that saw some drama tic wrecks，a runner－up finish would have been a f ine start to the new season．But this is Jeff Gord on．．．this is the Daytona $500 \ldots$ this is crunch ti me．There are no safe roads．$\curvearrowleft$ Gordon pulled out 0 f line with six laps to go and immediately lost th e runner－up spot to Kurt Busch．As expected，Johns on jumped to the outside to push Gordon．Dale Earn hardt Jr．drafted off Stewart and pulled high to $m$ ove into the race lead．The crowd roared its appro val．But Gordon＇s chess game wasn＇t over just yet． |

Facts \＆Trivia $=-0.26$
．．uch faster focusing and consistently sharp acr OSS the entire aperture range which makes me think
the smart money is on the SIGMA 50．I think the SI the smart money is on the SIGMA 50．I think the SI
GMA 50 will hold its value much better and be a le GMA 50 will hold its value much better and be a le
ns that works nicely with newer sensors in the fut ns that works nicely with newer sensors in the fut ure，whereas I consider the $50 \mathrm{~mm} \mathrm{f} / 1.4 \mathrm{G}$ to be a re asonable bargain alternative．D800 series users sh ould probably for the SIGMA 50 as the superior res
olution will no doubt be more noticeable．A It＇s i olution will no doubt be more noticeable．AIt＇s i mpossible to do exact compares for the following d ue to different sensor sizes and focal lengths，bu $t$ just for fun I included these comparisons I did enjoy seeing them too，but strictly speaking these enjoy seeing them too，but strictly speaking these are apples to oranges comparisons．As a lens， 1 think the Fujifilm $56 \mathrm{~mm} \mathrm{f} / 1.2 \mathrm{R}$ is probably sharper but I think the sensor is superior on the 10 X．As rably as it would if I could do an apples to apple rably as it would if I could do an apples to apple s comparison of both 1enses on the same camera bod
y．It＇s clear the Fujifilm lens is just about as s

Educational Value $=0.33$
lways encouraged them to take it into their te acher when school started．This made them so proud to have their teacher read it and give them a＂GRE $t$ them．Make sure it is not a messy snack．As a mo $m$ you want them to eat healthy stuff like carrots and celery，but we know that might be tough so lim and celery，but we know that might be tough so lim
it their dry snack intake．Don＇t forget the drinks too．Keep them well fed and hydrated is key here． Also feed them healthy lunches too．Always stop to burn energy．I know if you have a husband that likes to drive straight through this can be a prob lem，but honestly either you have a miserable trip or you stop to let them burn energy．Nice，clean a nd busy rest stops are the best of course．Some ha ve play areas or find a corner with no traffic and let them run a little bit，of course with supervis ion．Take chalk and draw hopscotch or draw a circl e and have them stay within that circle with a bal Take their scooter along if they＇re old enough

## Required Expertise $=-0.33$

posted a message opining that the community co uld do better job of running a conferece．Guido ag reed that the Python Software Foundation（PSF）wou
ld underwrite the event，we found a university ven ue to try and keep costs down，and started to ask for volunteers and speakers．PyCon was born．At the second event I announced I would only chair on e more conference，and the community would have to find a replacement chair if the conferences were $t$ o continue．I didn＇t want PyCon to become one pers on＇s plaything．Happily someone did come forward， and now there are PyCons all over the world．I hav en＇t missed a single PyCon US so far．It＇s a func onference．A Many people like to say they are＂giv ing something back to the community，＂which is fin e if you have to take first．Personally I think pa ying it forward is a more viable way to ensure tha $t$ open source initiatives succeed．Running the PSF is a fine way contribute to the open source commun
ity，though it doesn＇t necessarily serve my financ ial interests best．$₫$ The first Linux distribution

## Facts \＆Trivia $=0.61$

ever seen．Cameron＇s camera captures the subt le structure of the thing with a naturalist＇s prec ision．Her up－close framing strips away context an sense of scale；her high－speed film records more detail and clarity than the naked eye can see．The result is a defiantly alien beauty．This flower is
a＂floral＂in name only．↔That＇s just a sample of the powerful art you＇ll see here－－images beautif the powerful art you＇ll see here－－images beautif ul，tactile，weird，highly personal，fiercely obje ctive，and occasionally disturbing．To make it eve ration photographs，drawings，paintings or assembl ages．They＇re prints，although you＇d never know it ages．They＇re prints，although you＇d never know it ical level，it＇s easy to explain．Chris Schumake ical level，it＇s easy to explain．\＆Chris Schumake olution，then generated large－scale prints on ever ything from paper to canvas to aluminum．Some piec ything from paper to canvas to aluminum．Some piec
es are screen－printed；others are continuous tone， giclée output．The images are so good，you have to wonder：Is it fine art on the walls，or high－tech

Educational Value $=1.39$
abits are formed through the instances where y ou make a successful decision，which in turn becom es a more＂natural instinct＂．Even if you make the wrong decision，you will still have a valuable lea rning experience．A bad choice will just open up $t$ he door for a better one．』Your library and books tore probably have an entire section devoted to se lf－help．The best of these types of books can trul y give you new advice and ideas that work for impr Oving your specific life situations and challenges －Many personal development books are poorly writt en，so pick one that has good reviews．\＆Try to be prepared to record your ideas no matter where you are．Pack some paper with you when you go out．If te it down，then do something about it when inspir ation strikes．A You should know the values that $b$ ear importance to you prior to planning a self imp rovement program．Focus on those areas first to ma ke the positive changes that are most important to your happiness．Instead，focus on all that is impo

Required Expertise $=0.54$
rpreting his statements．a We can abstract fro $m$ our values to principles，and so on，but what ma kes the difference between an instrumental value a nd a terminal value is that a terminal value is on $e$ that exists for its own sake．Inclusive genetic fitness does match that definition，because natura with lower is a thing that slowly replaces things ith higher inclusive genetic fitness．This is what biologists mean by＇maximize，＇and it＇s different from what numerical optimization／math people mea $n$ by＇maximize．＇as it true that you are doing $t$ he most you can to maximize your inclusive genetic fitness（IGF）？No，you＇re clearly suboptimal．But it is clearly true that your ancestors reproduced， and thus your genes are a product of the evolution ary project to gradually replace lower IGF with hi gher IGF，and in that sense you are doing more on average to increase your IGF than the counterfactu al yous that do not exist because their ancestors failed to reproduce．That seems to be what PhilGoe

Table 17．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 2 （ $\mathbf{7 . 3 \%}$ ）government，people，said，state，social，country，rights．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style $=-1.01$ | Writing Style $=-0.02$ | Writing Style $=0.79$ |
| lark was compared to Muldoon，but the same val ues that were held．Quite why＇modern＇Labour wa nts to emulate Muldoonist policies is facinating． And bonkers．Afmacskasy 4．1．1．4．1．2 You mean th is $\$ 70+$ billion debt？\＆http：／／www．stuff．co．nz／bus iness／5106876／Government－debt－rises－to－71－6－billio n ？A And＂breaking news＂on the Stuff website：Gov t accounts show record $\$ 18.4$ billion deficit $₫$ You were saying，MC？\＆（Waiting for Default Cop－out \＃1 to be supplied．）a Herodotus 4．1．2 a That will nev er change．Even if NZ hit oil－it would be foreig n owned with something like a $2 \%$ royality or such going to the govt，then we would have to clean up any residual mess．Like the RWC there would be no 1st Division lotto winner here．a As stated previo usly a family of 3 dependants is living on $\$ 32$ mor e（no inflation／CPI adjustments）as they were in 0 7． 4 Yes，capitalism takes the communities wealth and puts it in the control of a few in such a way so that they benefit and everyone else suffers．a That will never change．Even if NZ hit oil－it wo | pected head of a major drug trafficking clan i <br> $n$ the VRAE，the country＇s biggest cocaine－producin g region，drawing attention to the changing tactic s of traffickers in the zone．』Peru＇s anti－drug p olice unit Dirando announced on August 12 that the y had detained Luis Amarildo Montero Lopez，suspec ted of being the leader of a drug trafficking netw ork operating in the Apurimac and Ene River Valley （VRAE）．The authorities arrested two others who we re travelling in the same truck as Montero，and se ized 250 kilos of cocaine hidden beneath a false $f$ loor of the truck．The narcotics were reportedly d ue to be sent to Europe，where they would have fet ched around $\$ 12.5$ million．according to La Repub lica，Montero was the successor of Jose Manuel Lop ez Quispe，alias＂Papitas，＂who was arrested on Ju ne 27．Papitas allegedly served as a major supplie $r$ of cocaine to Mexican gangs such as the Sinaloa， Juarez and Tijuana Cartels，operating as an＂acopi ador，＂a middle man who purchased coca leaf from 1 ocal farmers before processing it into coca paste | et tested and access treatment for hepatitis B or cure for hepatitis C，＂Mr Ninburg said．a MHAHS manager，Barbara Luisi，said only a few weeks in， Live free of hepatitis $C$ campaign is already excee ding our expectations．$₫$ The campaign has distribu ted thousands of hepatitis C print resources，reac hed more than 46 thousand people online and genera ted considerable ethnic media coverage，suggesting growing community support．a＂The promotions have not only increased people＇s awareness of hepatitis C testing and treatment，but have also drawn peopl e to the MHAHS website where they can access other viral hepatitis information，＂Ms Luisi said．Shor t And Simple Messages Are Not Enough－Developing A Resource For People Living With Chronic Hepatiti s B From Non－English Speaking Backgrounds．A The M HAHS，will deliver an important paper titled Do br oad population health promotion campaigns reach CA LD communities？along with two posters at the 2018 Viral Hepatitis Conference in Adelaide beginning 1 3th of August．$』$ Aimed at improving health communi |


#### Abstract

Facts \＆Trivia $=-0.78$ ．in May 2008；the proposed increases in ESB an d gas prices．．．Alternative Energy Projects．（14 Speeches）』Question 4：To ask the Minister for Co mmunications，Energy and Natural Resources if he w ill launch or bring forward a national strategy fo $r$ the promotion of bio－fuels；the details of same； $r$ the promotion of bio－fuels；the details of same； the．．．Mining Sites．（14 speeches）Question 5： To ask the Minister for Communications，Energy and Natural Resources the measures his Department will take to address the rehabilitation of the Silvermi nes area following extensive．．． 0 Other Questions （ 0 speeches）Mobile Telephony．Mobile Telepho $(0$ speeches）Mobile Telephony．a Mobile Telepho ny．（ 4 speeches） for Communications，Energy and Natural Resources for Communications，Energy and Natural Resources f he plans to issue policy directions to ComReg to f he plans to issue policy directions to ComReg to reduce high mobile termination charges here；and reduce high mobile termination charges here；and it f he will．．．Telecommunications Services．（ 23 sp eeches）$』$ Question 7：To ask the Minister for Comm unications，Energy and Natural Resources his views on whether private companies will be able to ensur that all parts of rural Ireland receive broadban


## Educational Value $=-1.03$

．w which is worse，that the attempted genocide of Native Americans would be considered a mere＂in trusion＂or that criticizing said genocide would b very is totally made up．None of the Founding Fath very is totally made up．None of the Founding Fath don＇t．aR．I．P．Etta James $₫$ The legendary Ms Etta don＇t．$\&$ R．I．P．Etta James $』$ The legendary Ms Etta
James went on to the great concert hall in the sky James went on to the great concert hall in the sky
a couple days ago．A saw here back in 1986 at th a couple days ago．I Saw here back in 1986 at th torn the roof off the place，had the show been ind torn the roof off the place，had the show been ind
oors．Buddy Guy and Junior Wells joined her backup band along with Ms Katie Webster on piano．It was such an amazing set that Albert King could not fol low her．My friend and i started heading for our ar during his set．Later we felt shitty about it w hen we were informed that he was dying of cancer， which might have affected his performance．Anywa y，Etta James was one of the greatest singers of a $y$ ，Etta James was one of the greatest singers of a
11 time．I don＇t know that anyone ever matched the sheer power of her voice．She will be missed．$L$
Required Expertise $=-0.94$
osal to build up to 48 apartments in the subdi vision．Apartment residents could not exceed certa in income requirements in order to rent there．$₫ K$
ris Henry，a Waverly Pointe resident，told council members the proposal needs to be stopped right now a＂Call it what it is，＂Henry said．＂It＇s going to be people with income of $\$ 25,000$ paying rents f $\$ 500$ ．Crime will go up．Drugs will go up in this greed to issue a letter of support for the devel per to obtain tax credits on the low－income apartm ent complex．Overland Property Group submitted an application to the Kansas Department of Housing in August for tax credits to build up to 48 units in three apartment buildings in Gardner＇s Waverly Poi nte subdivision in August．$₫$ Council＇s resolution of support does not guarantee that revisions to Wa verly Pointe＇s preliminary development，which incl udes a Home Owners Association requiring that subd ivision owners occupy their property，would be app roved by the council or by the planning commission

Facts \＆Trivia $=0.15$
．．Leave a comment $₫$ twohands $』$ Today in the Sout $h$ our calendars tell us that this is the beginning of spring．But as trees come into blossom here，th e leaves will begin to wither and die in the North d to discover the secret of happiness．After many a to discover the secret of happiness．After many adventures，he concluded that any happiness is al ays accompanied by a loss，＇That nature sets her $g$
ifts on the right hand and on the left＇．You can c hoose to have either worldly fame or a bountiful arden．It seems that full happiness can only be perienced collectively．Two hands is a symbol of perienced collectively．ATwo hands is a symbol of orth and South，thinking and doing．A Aristotle sa $w$ the world as made by two kinds of persons：the ser who determines the form and the producer who ser who determines the form and the producer who des work together：we want a cup of tea and we fin d the materials and equipment to make one．As huma society evolves，these two sides are drawn apart the West，there is a hierarchy that places th

Educational Value $=0.04$
bur disagreed．$₫$＂Because these cuts have just been proposed，we haven＇t yet evaluated which step s we will take to deal with possible staff cuts，＂ he said．』In response to whether he thought the uts would affect the department＇s ability to provi de service，Wilbur answered，＂Yes，that＇s why we w 111 have to plead our case when our turn comes．＂H added that if the cuts do occur，the department will have to consider taking an engine company out of service or reducing fire prevention to cope wit hemselves，I clearly recognize the controversy the $y$ engender and the impact it has on our workforce， ＂Cohen said．＂With labor costs constituting over 70 percent of our budget，and equipment and suppl es cut to the point that it is starting to get di ficult for departments to perform their basic func tions，we have little choice but to now look for s avings in personnel．＂\＆However，layoffs are not he only measures being proposed to save money．The ，with the approval of the department heads，

And we did say that up front and at the time Question：Yes．$A$ Deputy Spokesman：It remains to keep in touch with them to try and get whatever in formation they have to make sure that they are abl e to look thoroughly at this．And of course，what that means is that they need to have access to all the information that they can get hold of in order to make a reasoned judgment about what actually ha ppened in Tabit．Yes？\＆Question：I just wanted to ask yesterday about the announcement of the Board of Inquiry，described as an internal and independ it UN Headquarters Board of Inquiry．By internal how much of this report is going to be public？Tha t＇s my question．I have a couple other questions reports，but can you say what＂internal＂means？ $』$ Deputy Spokesman：As with all United Nations boa ds of inquiry，the Board＇s report will be an inte rnal document of the Organization and not for publ ic release．However，the Secretary－General intends to make publicly available a summary of its findin

Facts \＆Trivia $=0.93$
．．on earth if we continue on this path？Will we build a sustainABLE future for our children，our $g$ rent CDC admits that COVID－19 has hit POC and Indi rent CDC admits that COVID－19 has hit POC and Indi er than Whites especiamy African Americans，hard er than white people．The 1\％remain more secure an
d protected．\＆From Pandemic to Race $\$$ The effects of COVID－19 on the health of racial and ethnic min ority groups is still emerging；however current ata suggest a disproportionate burden of illness a nd death among racial and ethnic minority groups US CDC（COVID－19 in Racial and Ethnic Minority oups page last reviewed on by CDC June 42020 ） obert D．Bullard is a professor at Texas Southern University who has written for more than 30 years about the need to redress environmental racism．He welcomed the statements of support this week from the leaders of big environmental groups but he lam ented that the vast amount of donor money still go es to white－led environmental groups．＂I＇d like see these groups start to embrace this whole co

## Educational Value $=0.96$ <br> $\ldots$ xity increases without warning，and it engulfs the world in dimensions not even comprehensible．H ow to design globalisation taking care of complexi ty is what innovation should be focusing on－ther ein is the play－the globalisation，complexity an d innovation as the three－pronged world dimensions need to be taken care of simultaneously．A When We stern countries（read US）forced India and other A sian countries to open their markets in the late 1 980 s and early 1990s，the West believed that they would get large markets for their products as well as cheap labour．They forced economies to open thr ough multiple thrusts and forces that the so－calle d poor protected economies had no means to push ba ck ．The poor relented．In the 1990s，the opening p of the Indian economy was criticised and generat ed a feeling of fear of new products coming into I ndia thus ending the so－called monopoly of existin g players in protected economy．$₫$ We are moving to wards an uncertain unstable and chaotic state of

## Required Expertise $=0.70$

Ie－class mediocrity，has been great indeed！Go od Lord！Sacrosanct property has been attacked．Th e quivering bourgeois must have visions of looting he demonstrations of hate by those who own nothing against a recuperator such as Jacob have ceased．T he prejudices that underpinned the old authoritari an society have melted away．Which just goes to sh ow that our propaganda is on the right track！＇The n he takes the jury to task：＇Sometimes，doctors＇ certificates are convenient．＇He breaks down by pr ofession．．．each profession accompanied by some ep ithet of his own devising．．．the＇panel list＇from which Jacob＇s jurors have been chosen by lot．Ther e is among them，he notes，＇not one worker，not on e peasant，not a single proletarian＇．How come？Be cause if justice was just and were Jacob＇s jury ma de up of twelve workers，he would necessarily have een the judges and the judged？It is that the thie ves are not the ones that are believed to be so！

Writing Style $=1.54$
cs behind three decades of neoliberalism in th e region．Second，it elaborates on the urban setti ng as a locale where we can theorize some of the a gency at work a complex process of neoliberal globalization．As such，we shold understand Arab politics－and resistance－as a complexity that goes beyond the mere interaction between the regime＇ nd＇the Arab people＇and relate these politics to shifting power balances in contemporary globalizat ion．$』$ Tunisia and Syria：Comparing Two Years of $R$ evolution $₫$ By：Leyla Dakhlia $\&$ Abstract：This art icle aims to reconstruct the connection between th e uprisings in Tunisia and Syria－or rather provide the means for characterizing it－by comparing two e
xtremes that could be defined as opposites：that o xtremes that could be defined as opposites：that o the circulation and communication of ideas．The pu rpose of this exercise is not only to challenge th e common discourse but also to provide other possi ble lines of approach regarding the moment itself what stirs it up，what shifts it，of what it is ma

## Facts \＆Trivia $=1.75$

gence said in a report，released on Monday． the report－－Smuggling in India Report 2021 Which was released by Union Finance Minister Nir mala Sitharaman on Monday，the government agency s
aid it had always risen to the challenge and made great inroads into breaking the gold smuggling syn dicates over the years．The report said the quan tum of import of oold into India was significantly tum of import of gold into India was significantly high to meet the huge demand．India，the world＇s s econd－biggest gold consumer after China，imports a onsumption in India was 797.3 mt in 2021，the high onsumption in India was 797.3 mt in 2021，the high
est in the past five years，according to the World Gold Council data．as India being a negligible prod ucer of gold，the huge demand for gold in the coun ucer of gold，the huge demand for gold in the coun try is met through imports，the agency said，addin
g that India imports gold dore bar as well as refi ned gold．In the last five years，imports of gold dore bars made up 30 per cent of the total officia 1 imports of the yellow metal in India．Areaking through the web of syndicates，multiple carriers，

Educational Value $=1.86$
normation online，we fill out forms and turn them in to government agencies online．Therefore， the question of whether ADA requirements concernin g accessibility for people with disabilities might be applied to websites has been brought to the for e．a Generally，people with disabilities must have access to goods and services that are open to the public．People with disabilities have run into som e barriers in terms of access to and usability of certain websites．$₫$ This is a sip－and－puff device， sometimes called a puff mouse，which allows a per
son with a disability to control computer interfac e screens by blowing and inhaling into the device． 4 Joebeone，Wikipedia．Some rights reserved．ADA Compliance，Websites and Some Court Cases Early court cases in which this issue was addressed brou ght decisions that stated that the ADA did not app ly to websites．However，some advocacy groups soon brought cases to court and the tide began to turn． 4 In 2006，the National Federation of the Blind su

## Required Expertise $=1.39$

$a$ the mid－1960s．In this model politics establ ishes broad plans for the administration，and the administration，deploying its own separate ratio nality of decision－making，gives \＆universalisable 87．）』 officials．They should not be seen here as ＇persons＇but as＇carriers＇of a political communi cation．＂They are the result of office－holding and lor a political behaviour＂，or，＂they are politica 1 data and decision premises in the offices they exercise＂（Luhmann 1990，61）．a Second，I shall gi ve an overview of the relation between the public and apolitics．It is well known that in democracy the needs and interests of the a public have an in fluence on the themes or binding decisions of the political system．The public can influence the b inding decisions through public ap opinion and mass media，which are the structural couplings between the as public and politics．In democratic societies mass media play an important as role in representin g of the public opinion．They also produce topics

Table 18．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 3 （ $7.0 \%$ ）art，county，new，john，family，march，april，july，january，june．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style | Writing Styl | Writing Style $=0.22$ |
| $92-0$ ma expired 13 Aug 2018，8：50 p．m． 13 Aug 2018，8：54 p．m．Testing animation a 198 Breakup of Rodinia expired 12 Aug 2018，8：09 a．m． 12 Aug 2018 ，9：22 a．m． 850 Ma －Today $\pm 19751971$ expired 8 A ug 2018，1：34 a．m． 8 Aug 2018，1：39 a．m．』196 Pal eoMap expired 25 Jul 2018，4：15 a．m． 25 Jul 2018， 4：23 a．m．PaleoMap a 195 How did I get here？expir ed 24 Jul 2018，8：53 a．m． 24 Jul 2018，9：11 a．m．I feel the earth move under ny feet．．．\＆1 194 Phanero zo1c expired $\quad 15$ p．m．PHANEROZOIC $\& 193$ Paleomap project expire d 12 Jul 2018，11：03 p．m． 12 Jul 2018，11：10 p．m． Continental drift al 192 Paleotectonic expired 11 ul 2018，6：36 p．m． 11 Jul 2018，6：37 p．m．General view of Paleotectonic during Plio－Pleistocene 19 1 animación expired 11 Jul 2018，1：21 p．m． 11 Jul 2018，1：24 p．m．a 190 Pontide expired 11 Jul 2018， 12：59 a．m． 11 Jul $2018,1: 02$ a．m．Pontide formatio n a 189 expired 8 Jul 2018，7：48 p．m． 8 Jul 2018， 7：54 p．m．\＆ 188 expired 30 Jun $2018,8: 44$ p．m． 30 Jun 2018，8：57 p．m．A 187 Begoña Amigo Marx expire | dditional passengers Adrian Salinas， 21 and Ja vier Noe Herrera Canpuzano， 16 had no injuries． tests．a Rita Faye（Mchan）Richardson 58，of Naple s，FL，passed away peacefully on May 1， 2013 after a long and courageous battle with cancer，surround ed by her loving fanily．al Rita was born August 12 1954 to Thaddeus Doyle（T．D．）Mchan and Maxine（ King）Mchan in Hartselle，AL and was a longtime re sident of Immokalee．Rita enjoyed being outdoors a nd loved animals．AShe is survived by her son：La ne Price（wife，Jenn），daughter：Kristin Green（hu sband Alton）mother：Flora Maxine MChan，sisters sband，Alton），mother：Flora Maxine Mchan，sisters ：Patricia Tillis（husband，Jimmy）and Tammi McCor mack，stepdaughters：Lorrie Helmick，Donna Coomes and many grandchildren，nieces and nephews．Rita w as preceded in death by her husband：Ronald Richar dson，father：T．D．Mchan and sister：Carolyn Hogan om 5－7 p．m．at First Baptist Church of Labelle．Th e funeral service will be held Saturday May 4， 201 | eer or two，James and Greg let rip with a musi cal medley which had our neighbours in the marina dancing on their decks．Here＇s their final tune a There＇s still time to donate to the RNLI in supp ort of Crew Black Diamond＇s achievement．Just text BDBD47 $£ 1$［or the amount of your choice］to the nu mber 70070．You may do so anonymously if you wish． Or go to the Black Diamond JustGiving page at www． justgiving．com／blackdiamond a Posted by Juliet at 16：02 No comments：ASailing Round the Isle of Wig ht－with Accordions！\＆ 30 th June 2012．Raising mo ney for the Royal National Lifeboat Institution saving lives at sea every day．A Read all about it <br> $\Perp$ Donate to the RNLI via our JustGiving page Labels：Black Diamond－Sailing round the Isle o f Wight with accordions Musings from a Muddy Isl and photos reincarnated $₫$ My Musings days are well and truly over，but since this blog still gets mor e hits in a day than my others receive in a month， I thought I＇d post this video here－a montage of photos of Mersea which appeared on Musings from a |

## Facts \＆Trivia $=-2.10$

．ated $\$ 50.00$ a Get well soon Will ：）$』$ Prayers to William for strength comfort and healin a Toni Prince donated $\$ 100.00 』$ William will be in our pr ayers．AThe Cain family donated $\$ 50.00 』$ Our play $\leftrightarrow$ Marisa Allen donated $\$ 25.00$ m praying for you！ Marisa Allen donated $\$ 25.00$ \＆praying for you！I
love you，you got this？？Ann Irvin and Family do love you，you got this？？Ann Irvin and Family do
nated $\$ 250.00$ Praying for you Will and your fami ly．A chae morris donated $\$ 10.00$ a sending love \＆ prayers＜3 Rawlins Family donated $\$ 125.00$ e pray ing for you！！$\$$ Destiny Towns donated $\$ 20.00 \leftrightarrows$ Yid nekachew Tedla donated $\$ 300.00$ Yidnekachew＇s fam ily praying for you Will．A Debbie Abell donated \＄ 50.00 Prayers to you and your family $A$ Karsyn Be nnett donated $\$ 25.00$ M Molly donated $\$ 20.00 』$ Fait Harris donated $\$ 20.00 』$ sending love $\$ 100.00$ raying hard for you Will！！！？？？？a Russell Shoja do nated $\$ 5.00 』$ Michele Stoval donated $\$ 25.00 』$ pray ers for William and family $A$ Blake Meyer donated \＄

## Educational Value $=-2.32$

hirds（－．4）in April／May（．6－．3－．2，flat \＃－back reports（ $3.7-3.4-3.1,6+$ ）Texas Publ c Radio news／talk KSTX repeats April＇s $3.1(6+)$ a c Radio news／talk KSTX repeats April＇s $3.1(6+$ ）an
d inches up from \＃15 to \＃13．\＃San Antonio Music F ormats－Off six－tenths in March／April（8．0－7．9 ormats－Off six－tenths in March／April（8．0－7．9 ies KONO－FM＂101．1 San Antonio＇s Greatest Hits＂ob literates that deficit with a +1.1 to 8.5 ，its his hest $6+$－stat since September 2018＇s 8．8．On top th e third month in succession，KONO－FM had been in he runner－up slot five successive times before pro gressing to \＃1 in March．In advance of slipping to $\$ 2$ in November 2018，KONO－FM finished at \＃1 the evious ten sweeps．A full－share increase to 3.0 （ 6 ＋）by Educational Media Foundation contemporary Ch ristian KZAR propels＂Air 1 Worship Now＂into the top twenty（\＃14）and halts three successive negat ve trends that accounted for a $-1.3(3.3-2.4-$
$2.2-2.0,6+$ ）．Conversely，co－owned／similarly－for atted KZLV＂Positive \＆Encouraging K－Love＂erodes

## Required Expertise $=-2.43$

under a vehicle
a Havre Police Departme caller at Havre Middle School reported graffit on the sidewalk，bleachers and track friday at 10
20 a．m．－－A 12th Avenue caller at $12: 50$ p．m．Fri day asked for officer assis．．． $\begin{aligned} & \text { Havre Police Dep }\end{aligned}$ rtment A Third Street caller reported Tuesday at 9 ：32 a．m．that someone drove through a construction site，knocking over cones and breaking a sewer dra in lid．．－A water break was．．．A Havre Police De partment A caller on Wilson Avenue reported Monday at 7：09 a．m．that a skunk was caught in a cat trap

A Montana State University－Northern caller re orted at 9：31 a．m．Monday that．．．at Havre Police Department A First Street Northeast caller report d Friday at 9：05 a．m．the door to his apartment wa s broken．－－A vehicle crash between a car and pic kup was reported at First Street and． ne 28， 2019 For the Record，June 28， 2019 H Hav e Police Department A caller at a First Street bu siness reported Thursday at 9：33 a．m．that she had a found bike to turn in．－－A summons was issued a

## Facts \＆Trivia $=-0.51$

tep as The History of Food Delivery：How Fast akeout Became A Human Fact of Life｜History Daily The History \＆Evolution of Food Delivery I Under istics for $2021 \leftrightarrows$ Ordering in：The rapid evolution f food delivery｜McKinsey a How did food delive of food delivery｜McKinsey an How did food delive start？History of food delivery \＆History of Tak Start？－Thrillist \＆History of Food Delivery and How It＇s Changed $₫$ A Brief History of Food Delive y A Brief History of Food Del ivery $\leftrightarrow$ Satisfying An On－demand Appetite For Food Delivery Services In apan－Tokyoesque \＆Food Delivery from Edo to pr sent in Japan I Japan Travel by NAVITIME－Japan sent in Japan IJapan Travel by NAVITIME－Japan出前からデリバリーヘ｜飲食業の時代の変』出前からデリバリーへ｜ 1 飲食業の時代の変
化にいていく！！食品包装容器 1 木村容器株式会社』振売一Wikipedia
アウトとファストフード文化！？物売•屋台や
Educational Value $=-1.24$
．．．line Kustrof．AAlexander Rhan，son of Ernst W s born on September 13， 1853 in Duderstadt，Göttin s born on September 13， 1853 in Duderstadt，Göttin kmann，daughter of Ernst Brinkmann，．She was born on August 10， 1862 in Wegeleben，Harz，Sachsen－Anh alt，Germany．a Cäsar Rhan，son of Ernst Wilhelm．F riedrich Rhan and Karoline Schachtrupp，was born May 30， 1857 in Duderstadt，Göttingen，Niedersac hsen，Germany．He married Mathilde Kaufholz．$\&$ Bia nca Rhan，daughter of Ernst Wilhelm Friedrich Rhan and Karoline Schachtrupp，was born on March 30， 18 61 in Duderstadt，Göttingen，Niedersachsen，German y．She married Otto Huch on January 15，1885．a He lene Liese，daughter of ．．．Liese and Elise Schachtr ughter of Hermann Johann Wilhelm Schachtrupp and $K$ aroline Friederike Marie von Meyeren，was born on January 4， 1865 in Duderstadt，Göttingen，Niedersa chsen，Germany and died in 1911 in Hamburg，German

## Required Expertise $=-1.33$

interson，Jeanine Pirro，Jeb Hensarling，Jeff Bewkes，Jeff Buckley，Jeff Cooper，Jeff Duncan，Je ey，Jeff Nichols，Jeff Ross，Jeffrey Kluger，Jeffr ey Sachs，Jeffrey Skoll，Jeffrey Zeldman，Jen Sinc ero，Jenna Ushkowitz，Jennifer Aniston，Jennifer C onnelly，Jennifer Damiano，Jennifer Grey，Jennifer Weiner，Jenny Han，Jeremy Irons，Jeremy Jordan，Je remy Rifkin，Jerry Brown，Jerry Della Femina，Jerr y Jones，Jerry O＇Connell，Jerry Pournelle，Jerry Saltz，Jerry Seinfeld，Jerry Spinelli，Jerry Yang Jess Weixler，Jesse Eisenberg，Jesse Stone，Jessic Cutler，Jessica Hahn，Jessica Jung，Jessica Walt er，Jessie Buckley，Jessye Norman，Jet Li，Jewel taite，Jiang Wen，Jill Abramson，Jill Scott，Jill soloway，Jim Bishop，Jim Brown，Jim Carter，Jim Ma son，Jimmy Breslin，Jim Rash，Jim Sarbh，Jimmi Simp mmy Dean，Jimmy Graham，Jimmy Iovine，Jimmy Lai， immy Page，Jimmy Piersall，Jimmy Savile，Jo Durie Joan Didion，Joan Jett，Joan Lingard，Joan Rivers，

## Facts \＆Trivia $=0.75$ <br> ．．ecause in 2009 my camera was poor．$\#$ Old churc $h$ at Petajavesi At this moment I am presenting s even middle age churches．I have presented already four churches and the fifth will be published tomo rrow．$A$ historicalragbag says：\＆Hi Sartenada，tha rrow．©historicalragbag says：an Sartenada，tha t＇s really interesting（especially the votive ship t＇s really interesting（especially the votive ship s）thanks and I＇m glad you like the post．\＆Lyn Sp aull says：a What an interesting find ！A Hard to believe these wooden structures can be so old．Tha believe these wooden structures can be so old．Tha nks for explaining how they are maintained．ANo $p$ roblem，they＇re remarkable aren＇t they $\leftrightarrows$ They are indeed．\＆Pingback：Reykholt－Historical Ragbag Follow Historical Ragbag on WordPress．com a Cate gories Select Category Australia ANZAC Indigenous Australians．Wil－im－ee Moor－ring Wurundjeri Labour Movement New South Wales Sydney Tasmania Port Arth ur Victoria Melbourne Botanic Gardens Gothic Bank Queen Victoria Markets Royal Exhibition Building S $t$ Kilda State Library of Victoria Rural Victoria B unyip Cape Schank Churchill Island Geelong Hanging Rock Otways Port Fairy Tower Hill Vida Goldstein b

Educational Value $=0.05$
$\ldots$ ved to Hobbs．a Dr．Kyra looks forward to work
ing in the southeast New Mexico and west Texas are
as．She enjoys helping both large and small animal
s ．＂We have been going to Double J for many year
s ．Dr．Mark is our primary vet and he treats all o
four animals．He takes the time to answer our que
stions and we have always received exceptional car
e．He also got us through a very precarious sitaut
ion involving a Black Widow spider bite on one of
our dogs．We would highly recomnend Double J！＂＂＂
The entire staff at Double J Animal Hospital is am
azing．Everyone is so caring and compassionate．I
know that all of my fur babies are well taken care
of when in their care．Best animal hospital in Hob
bs！＂＂Took awesome care of my dog．I view our pe
ts more like family，and they took excellent care
and kept me updated with everything．They discusse
d treatment before proceeding．Love it！All my bab
ies will go here．＂a＂Dr．Mark and his staff at Do
uble J are amazing！They have the utmost respect f you and your pet and treat you both like fami
he war torn South to retrieve not Joseph，but er cotton crop．Adelicia＇s Odyssey through wartim ful Adelicia did not long remain a widow．She rema rried，this time to a far wealthier man，Joseph AC klen，who owned large and profitable plantations o n the lower Mississippi，all of which produced bou ntiful crops of cotton．$\&$ In due course，Adelicia bore Joseph a bountiful crop of several more child ren and he in turn built her the magnificent Itali anate mansion of Belmont．Sitting on a long slopin g hill，one approached Belmont in the old days as if one were ascending Mount Olympus to visit the ods．Downton Abbey would have been a pauper＇s hut compared to Belmont in its heyday．All went well until the War．a Belmont Mansion＇s modest back yar d，ca．1863．』In February，1862，Nashville fell t o the invading Yankee hordes and the miles between the Rock City and the Acklen cotton plantations in Louisiana were long indeed；for most of the war th e area between the two waas a no man＇s land in whi
nth through the seventeenth centuries．$\&$ Relig

## Writing Style $=1.60$

hosting a special afternoon tea and Elton John concert in Moscow．athe latest model，designed wi th a large case，rose gold and diamond details，a self－winding movement and in a numbered series，wa s jointly designed by singer Elton John and Chopar d boss Caroline Gruosi－Scheufele，who are long－tim e friends．Ne initially met at the 2000 Cannes Film Festival and it was then that I chose to supp ort his fight against Aids，＂says Gruosi－Scheufele and jewellery I hope the new Elton John－designed and jewellery．I hope the new Elton John－designed it does to him．The fight against Aids is an angoi it strugale tirelessly pursued by the Elton John ng struggle，tirelessly pursued by the Elton John Aids Foundation．Al ch sufferers of Hurricane Sald，it has many other charitable endeavours，$n c l u d i n g$ a very special bo xing night held this year that raised $\$ 1$ million（
$£ 627,000$ ）for charity World Boxing Cares，an initi ative that takes famous boxers on tours of childre n＇s hospitals，orphanages and youth centres to＂en

## Facts \＆Trivia $=1.77$

e also by Tessier \＆Sarrou．During his stay in China，Semallé wrote Four years in Beijing，in whi he South of China or the numerous incursions in To ne South of China or the numerous incursions in To nkin．The works of art he brings back with him to tunning bell．a This Imperial bell，called bianzho ng is，in many ways，excentional．The magnificent ng is，in many ways，exceptional．The magnificent
and highly detailed chiseling of the bell speaks $f$ and highly detailed chiseling of the bell speaks $f$ e of Kangxi refinement．A twofaced dragon stands on top of the bell，its muscular body firmly stand on top of the bell，its muscular body firmly stand
ing on clawed legs，used to hang the bell from the wooden frame．The body of the bell is divided in $t$ hree registers：the upper one holds a pattern of $s$ tylized clouds，so does the lower one，with added tylized clouds，so does the lower one，with added to produce the sound．In between，the dragon＇s bod ies chasing the pearl among swirls of clouds unfur 1s，revealing glistening scales chiseled to perfec tion．alianzhong bells are grouped as carillons．

Educational Value $=1.17$
eroticism in their art as a way of fighting bo urgeois conformity，propaganda and artistic censor ship．Is that enough to think about yet？A se lf－portrait by Claude Cahun，subverting gender ste reotypes．Courtesy of Jersey Heritage Collections This is what the exhibition is like．Overflowing with texts，quotes，references，biographical data， artistic theory and，underpinning it all，emerging
sooner or later in every wall label for every arti sooner or later in exioms of modern identity politics and fe st－the axioms of modern identity politics and fe
minism－gender politics，the body，gender fluidit minism－gender politics，the body，gender fluidit
y，transgressive art，gender equality，and so on． y，transgressive art，gender equality，and so on． －sometimes very long，densely factual paragraphs． －sometimes very long，densely factual paragraphs． and that＇s before the 50 or so quotes from artists ＇letters，diaries and so on．AThere are over 40 couples，but many more＇couples－plus＇－groups and couples，but many more＇couples－plus＇－groups and
movements of artists and writers to get a handle o movements of artists and writers to get a handle o

## Required Expertise $=0.78$

 ious scholars，both Jewish and Christian，and Euro pean architects，continuously sought to reconstruc $t$ an＂authentic＂image of the ancient city and Tem ple in order to better understand the biblical eve ture such as churches and synagogues，including th e Sistine Chapel，were inspired by the desire to $r$ e－create Solomon＇s Temple．Early modern artists of ten depicted the Holy Land and the Temple of Jerus alem in the backgrounds of paintings and prints po rtraying biblical subjects．Moreover，Christians， Jews，and Muslims embarked upon pilgrimages to Jer usalem to renew their faith．In fulfillment of env isioned events of the End of Days，Christians，Jew s，and Muslims focused upon Jerusalem as the site for these mystical events．European travelers were attracted by the exotic landscape and people of th is region in the eighteenth and nineteenth centuri es，and Jewish settlers of the early 20th century viewed Palestine as an ancient homeland of refugeTable 19．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 4 （ $6.7 \%$ ）company，business，market，companies，financial，million．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5th percentile | 30th percentile |
| :---: | :---: |
| Writing Style $=-1.45$ | Writing Style $=-0.34$ |
| Emirates for a corporation based in Angola $\Perp C$ an I work remotely for a company in Angola while b eing in United Arab Emirates？$₫$ Guides Living in nited Arab Emirates while working in Jamaica \＆Can I work remotely for a company in Jamaica while bei d Arab Emirates for a company in Jordan $₫$ Can I li ve in United Arab Emirates and work remotely for a company in Jordan？\＆Guides Working in United Arab Emirates for a corporation in China al Can I live i n United Arab Emirates and work remotely for a con pany in China？\＆Guides Working in United Arab Emi rates for a corporation in Cambodia a Can I work emotely in United Arab Emirates for a company in C ambodia？Guides Working in United Arab Emirates or a company in Niger while being in United Arab E mirates？Guides Work in United Arab Emirates for a company in Cameroon a Can I work remotely in Uni ted Arab Emirates for a company in Cameroon？$₫$ Gui | rdinary Shares（equivalent to 2.5 pence of ind ebtedness per one Ordinary Share），representing an effective discountof $35.48 \%$ to the closing mid－mar ket price of Ordinary Shares on 3 December 2014 （b eing 3.875 pence），the last business day prior to the publication of this document．』Costs to compl ete the production models of the hardware device， patch and packaging．A Subject to completion of th e Fundraising，the Board believes that the Company will have sufficient capital to launch the cloud $v$ ersion of the app and to complete the development stage of the device，comprising of pre－mass produc packaging．However，once the product is capable of being launched，which is expected in Q2 2015，t he Company will require significant additional wor king capital（by completion of the Additional Fund raising）to finance manufacturing of the product a nd an increase in support，sales and marketing per sonnel．Accordingly，the Board is seeking the appr oval of Resolution 2 at the EGM to authorise the C |



## Educational Value $=-1.47$ <br> ．ion（4） $3.72 .41 .310 .17 .62 .5 \&$ Legal expen ses（5） 0.272 .2 （72．0） 2.1115 .5 （113．4）Adjust ed EBITDA \＄ $76.5 \$ 70.4 \$ 6.1 \$ 219.1 \$ 207.2 \$ 1$ 1.9 a Adjusted EBITDA margin（6）20．0\％20．8\％（0．8） \％20．1\％21．0\％（0．9）\％\＆oreign currency impact（ 1 4）（1．1）』 Adjusted EBITDA，constant currency adju sted $\$ 75.1 \$ 218.0 』$ Adjusted EBITDA growth，as $r$ eported $9 \% 6 \%$ Adjusted EBITDA growth，constant C urrency adjusted $7 \% 5 \%$ a Cash interest expense（ 9 6）（16．5） 6.9 （34．6）（48．9） 14.3 a Cash tax expen se－ 0.1 ） 0.1 （0．2）（0．9） 0.7 』 Cash payments for capital expenditures（10．8）（12．9） 2.1 （37．2）（43 2） 6.0 a Cash payments for agent signing bonuses $\$ 47.3 \$ 24.6 \$ 22.7 \$ 128.1 \$ 91.6 \$ 36.5 』(1)$ Severance and related costs primarily from executi ve terminations．a（2）Expense resulting from paym such investor＇s investment as required by the Part icipation Agreement．a（3）Debt extinguishment cos

## Required Expertise $=-1.31$

RETON POST \＆THE TELEGRAM 』 JOURNAL PIONEER Your weekly publications a Regional Business $₫$ Per ectives $』$ Regional Perspectives $a$ National Perspec tives Explore the East Coast $\leadsto$ Weather Column Cindy＇s Snapshot a Grandma Says a Celebrating our Heroes of $2020 』$ IN DEPTH：Covering a contentious lobster fishery a Have you heard about the Saltwir e News app？\＆Holiday tastes and traditions $\uparrow$ What you need to know about COVID－19 today a Check out Halifax＇s new（s）urban weekly newsletter $₫$ SaltWir e Selects：Stories you don＇t want to miss $\leadsto$ Daily forecasts and weather facts from Cindy Day Havin g faith：Nicholson investing in people and communi ty to grow rural economy a Lawrence Powell（Lemai Dec 19， 2019 at 12：12 p．m．$\Perp$ Updated：Dec 19， 2019 at $2: 33 \mathrm{p} . \mathrm{m}$ ．\＆Sorry you must be at least 19 year of age to consume this content．A Jane Nicholson，
left，is founder and CEO of Annapolis Investments in Rural Opportunity．Executive director is Adele

Educational Value $=-0.39$
－cents，a jump of more than 11,492 percent． ince the start of the year surging from $\$ 4.35$ to since the start of the year，surging from $\$ 4.35$ to
$\$ 332$ ．Dash recently changed hands for $\$ 1,129$ ，a ne arly 10 －fold increase from its $\$ 11.20$ valuation on 359 ，a jump of nearly 2,500 percent．a Skeptics ve argued that the cryptocurrency market is a bubb le that＇s bound to pop，and even fans of bitcoin p oint out that its long－term success is no sure thi ng because market forces could eventually push pri ng because market forces could eventually push pri
ces downward．Futures contracts for bitcoin are no w available on two exchanges，which may stabilize prices over the long run．$\#$＂Whether the market en ds up deciding on bitcoin as the dominant cryptocu rrency or whether a number of cryptocurrencies end up gaining widespread acceptance，other cryptocurr encies won＇t displace bitcoin unless they either $d$ o something different than bitcoin does．Or unless they can do what bitcoin does but better，faster，

## Required Expertise $=-0.47$

Inc．System and method for automatically dis tributing a trading order over a range of prices nd Solutions LLC Methods，systems，and computer pr ogram products for obtaining best execution of ord ers to buy or sell a financial instrument for whic $h$ a net asset value is periodically calculated $a$ S8751362B1（en）2008－05－01 2014－06－10 Cfph，Llc Pr oducts and processes for generating a plurality of orders a US20140236866A1（en）＊2011－09－29 2014－0 8－21 Skaffold Pty Limited Systems and methods for providing share assessment data with price and val ue analysis $a$ US20140244542A1（en）＊2011－09－29 20 14－08－28 Skaffold Pty Limited Systems and methods for providing share assessment data with capital a nalysis a US20140330754A1（en）＊2011－09－29 2014 11－06 Skaffold Pty Limited Systems and Methods for Providing Share Assessment Data in Relation to $\mathrm{V}_{1}$ tual Portfolios 4 US6236972B1（en）＊1998－12－02 20 01－05－22 Gary Shkedy Method and apparatus for faci litating transactions on a commercial network syst

Writing Style $=0.47$
．he separate Global Business Leader panels were launched in 2015 with two sessions．The positive $r$
esponse saw a third session added in 2016，and org esponse saw a third session added in 2016，and org 2017．With this year seeing ADIPEC expand to for 2017．With this year seeing ADIPEC expand to inclu de downstream industries for the first time，an ad ditional programme will include three Downstream G lobal Business Leader panels．\＆＂ADIPEC is unique or its ability to attract such a broad group of ndustry seniors to an annual event，driven by the
 Petroleum Operations Co A1 Shams ADIPEC 2017 Chair man＂Nowhere else will industry professionals get man．＂Nowhere else will industry professionals get
such an insight into the strategic thinking guidin $g$ the industry forward from individuals whose dec isions are critical to the future of oil and gas usinesses＂a With planning for ADIPEC entering it s final weeks，organisers have confirmed the invol vement of 13 CEOS for the Global Business anels and are in talks with many more across the

Facts \＆Trivia $=0.64$
arily until most currencies were sold and the entire market got into a slump．aHowever，after reaching its pinnacle in January 2018，the marke crashed and has since been dwindling．In Televisor y＇s earlier blog，Blockchain，an emerging concept a disruptive technology，we tried to explain the volution of cryptocurrency and its technical know－ how．In this blog，Televisory attempted to underst hours，Ether the currency for the Ethereum natwo hours，Ether，the currency for the Ethereum netwo rk，went from ₹ $1,09,964$ to $₹ 1,11,465$ ，with a marke t cap of ₹ 13.7 T ．So far，professional investors say they would actually welcome new regulations－ as long as they are not too stringent．But Gensler has called on Congress to give regulators the auth ority to write new rules．In the absence of，you
know，definitive regulation that applies to crypto know，definitive regulation that applies to crypto assets，we work with them to craft policies，proce
dures，and processes，＂she says．$₫$ One of the olde st cryptocurrencies had forked from Bitcoin in 201 Bajor market parameters，Bitcoin Cash has

## Educational Value $=0.58$

actually a good sign．Let＇s see if that＇s how turns out．＂From the November 01， 2021 Issue ange Pharma $₫$ M M + M Transform：The New Era of Conne ange Pharma a MM＋M Transform：The New Era of Conne f Connectivity for an in－depth look at trends like ly to inform the industry＇s evolution over the nex t 18 months．$\uparrow$ The future is Boundless $\leftrightarrows$ The rules of the past no longer apply after the seismic even ts of the past three years．To reflect that，HCB H ealth has become Boundless Life Sciences Group． When educating providers to improve patient outcom es，brand experiences must be exceptional 4 Now is the time for healthcare brands to achieve true dig ital transformation．\＆The inclusive quotient：Cre ting inclusive experiences for customers and bran ds $\leadsto$ IPG Health＇s Chief Strategy Officer，Julie Pi Ion and Global Chief Medical Officer Sommer Bazur 0 discuss how it all starts at the foundational st rategy phase－with the very first creative brief

## Required Expertise $=0.25$

cts $\Perp$ Explore News \＆Stories \＆Fighting Pandem ics and Building a Healthier and More Equitable Wo eport 2021 Executive Summary $A$ Documents by type Focus On Reports $』$ iLearn Online Learning $a$ Result s Methodology a OIG Audit of Global Fund Grants in Kenya $\&$ Report Fraud \＆Abuse A Audits \＆Investiga tions $\&$ View Related Resources Auditors from the Office of the Inspector General（OIG）rated the ma nagement of financial，health services and product risks as＇generally effective＇in Kenya．However the OIG called for the Global Fund to develop a nger term strategy to tackle the three diseases be yond 2016，including a more coordinated approach ith other donors and health service providers in he country．The Global Fund Secretariat，working ith country partners，has agreed to a number of co rrective actions．Kenya，with approximately $5 \%$ f the global HIV／AIDS disease burden as well as su TB ）epidemics，has made good progress in reducing

Writing Style $=1.20$
．．vance for coordinating with press schedules an d allows too much time for schedules to adjust pri or to the tour dates．It＇s a hard two weeks of pit ching，but allows you to pitch at the most effecti
ve time，instead of spinning your wheels too far i ve time，instead of spinning your wheels too far i to know what kind of response you＇ll get so easy re to separ kin of response you 11 get，so be su re to separate your press list into tiers，startin rking top tiey and his forge outlets and wo rking your way down．This formula also allows you to have a clean，open schedule for your most sough t after meetings．No one wants to haggle with an o utlet like the Huffington Post about timing！a Pic $k$ up the phone．Begin the relationship on a more $p$ ersonal level and pick up the phone to pitch for a press tour．It＇s often hard，if not impossible，to truly portray the coolness of some products or ser vices over email．Phone pitching allows you to＂ge work for them and their audience．Plus，you are mo likely to establish a connection over the phone

## Facts \＆Trivia $=1.44$

ise division between the first and second tier economies is somewhat discretionary，but in genera 1，the First Tier Markets are fully compliant with both the Accord on Trade and the Conmon Economic－ the Second Tie Markets The Emerging Mark the Second Mier Markets．The Emerging Markets an e late industrial era or early information era sca gh production costs，but where nonetheless the inf gh production costs，but where nonetheless the inf ormation and service economy is a significant fact
or and early agalmic features may be present．\＆Th or and early agalmic features may be present．ath ndustrial era，often non－agorist in operation，in which the primary activities are the production of material goods and resource extraction．（These ove rlap heavily with the Forgotten Worlds．）Since the rlap heavily with the forgotten Worlds．）Since the
ir main potential value is found in material produ ction，raw resources，and inexpensive labor，all f which are obtainable in more developed economies through cornucopia technology and roboticization a less expense，they have little to offer the Core

Educational Value $=1.55$
to form teams and identify the best talent fo projects across the organization．One thing the company has found is that like－minded workers grav itate towards each other，aided by technology，spa rking bubbles of innovation．A Just as important， AI has helped Cisco make breakthroughs in hiring a nd talent development．＂Now we are doing what we c all＇blind hiring＇，where we don＇t see the name or
the university the candidate attended．It＇s helped eliminate bias and let＇s us just review the purity eliminate bias and let＇s us just review the purity
of a person＇s work．This has opened up a whole new pool of talent we can tap－individuals who may no t have a college degree but are skilled at coding t have a college degree but are skilled at coding
and a host of other expertise．＂a It＇s a whole new dynamic．＂By 2025 I envision we will have a hybrid dynamic．＂By 2025 I envision we will have a hybrid
model and we will be more deliberate in who comes to the office and for what purpose．That may inclu de engineers working in our labs，customer visits that would bring us into the office or innovation days to bring in project teams．That＇s because we＇

Required Expertise $=1.01$
st－earning，they would have a market value－t he present value of the capital inflows（interest era，or issued as interest－paying in perpetuity $H$ ere again，an argument may arise regarding the via bility of the repayment of these inflows，which ma $y$ be considered as debt．\＆However，classifying th ese inflows as debt wouldn＇t be accurate．This mon ey collected from individuals and businesses would ，in conjunction with the primary amount of the fu nd，be injected into the economy and the economic agents that receive payments from the SWF，or the equity that the SWF buys would be assets held by he SWF，a portion of which would be used to pay th e businesses and individuals that provide the infl ows to the SWF．Therefore，the inflows for the pro viders of inflows should be considered as equity $t$ hey hold，with the SWF acting as an intermediary a The SWF would issue debt and acquire equity base $d$ on the inflows it receives，those that provide $t$ he inflows，if we bypass the middle entity the SWF

Table 20．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 5 （ $6.3 \%$ ）data，device，use，used，using，user，fig，new，power，software．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5th percentile | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style | Writing Style | Writing Style |
| ）Aon－Rechargeable Batteries（193）』 Recharg eable Batteries（357）a AV Connectors（1035）Aut omotive Electrical Connectors（3695）a Backplane \＆Rack Connectors（1449）』Circular Connectors（16 196）\＆IC Sockets \＆Adapters（726）a Mains \＆DC Po wer Connectors（2804）A Network \＆Telecom Connecto rs（2189）\＆PCB Connectors \＆Wire Housings（46413） $\&$ Power Connectors（7647）』RF Coaxial Connectors \＆Adapters（4330）\＆Terminal Blocks（21053）』USB， D Sub \＆Computing Connectors（8873）al Wire Termina ls \＆Splices（5839）\＆Displays \＆Industrial Monit ors（1941）』Fibre Optic Components（192）』IR Emi tters \＆Receivers（195）A Indicators \＆Indicator Components（3581）\＆LED Indicators \＆Accessories （399）\＆LED Lighting System Components（3473）$』$ LE Ds \＆LED Accessories（7017）Laser Modules \＆Com ponents（132）\＆Optocouplers，Photodetectors \＆Pho tointerrupters（4598）\＆ESD Control \＆Clean Room（ tointerrupters（4598）』ESD Control \＆Clean Roing， 407）$\& P C B C l e a n i n g ~(13) ~ 』 P C B ~ C u t t i n g, ~ P u n c h i n g ~$ Forming \＆Drilling（138）a PCB Etching \＆Developin $\mathrm{g}(44) 』$ PCB Handling（63）$』$ PCB Spacers，Pillars | while at the same time providing a cost effici ent architecture and method for updating a single ported Z －buffer memory．a A method and architectur e for updating a pipelined，single ported $Z$－buffer is disclosed for use in a raster scan，computer co ntrolled video display system for presenting a 3－d imensional representation of an image on a video $d$ isplay apparatus，such as a computer monitor，to a n observer of the video display apparatus．The com puter controlled video display system includes a $Z$ －buffer for storing $Z$ values and a frame ba single， bi－directional data port which is coupled to a gra phics update controller which is substantially sim ilar to the prior art graphics update controller． The frame buffer may be a single port random acces s memory or a dual port random access memory．\＆Th e method of the invention for updating the $z$－buffe $r$ with new $Z$ values to replace the old $Z$ values be gins with the calculation of a new $Z$ value and a $n$ ew pixel value for each pixel location in a plural | ual sources observed．AThe observations were arranged in duty cycles．Each duty cycle covered a subset of two to four close－by sources（with integ ration times between 30 and 60 s in each source po inting），in a similar way as the duty cycles descr ibed in Paper III．The duty cycles were designed t o maximize the antenna elevations，which optimize the quality of the differential phase delays．We how in Fig． 1 the time distribution of all the obs ervations．The frequency－switching changes were ap plied in two types of duty cycles，which were alte rnated every four iterations．In the first type of cycle（optimized for the freauency－switching calib cycle（optimized for the frequency－switching calio ration，see Sect．3．2），half of the switchings wer e applied while the antennas were slewing among so urces．If AL and AH are observations of source A a t 14.4 GHz and 43.1 GHz ，respectively，the duty cy cles were arranged as This approach saves some tim e due to switching．In the second type of duty cyc le，observations of different sources at the highe |

## Facts \＆Trivia $=-1.72$ <br> ．le providing it with a full internet security solution．It is also providing you with round pro ection against all types of harmful viruses．』360 Total Security 10．8．0．1425 Crack Premium With Keyg Total Security 10．8．0．1425 Crack Premium With Keyg vira and Bitdefender．They supply all network secu rity after the study．Supporting direct updates an d themes． 360 Total Security Premium Crack is like wise concerned about the security of your mobile vice．Mobile phones benefit from anti－theft，mem tion ensures that your computer is always running the most recent version．Improving the internet sp eed by using a battery and an ad－blocker．It faci sed technology in its browser plugins．This techno logy，on the other hand，keeps track of the securi logy，on the other hand，keeps track of the secur nk between websites using a URL database．When you try to enter dangerous locations， 360 Total Securi <br> Educational Value $=-1.59$ <br> More ways to shop：Visit an Apple Store call －800－MY－APPLE find a reseller．I will post the m in Downloads section even they are already leake ile it＇s not a bad idea to restore from a backup if you＇ve two identical phones（e．a IFunbox all ows you install IPA packages from in－house distri ows you install IPA packages from in－house distr bution，which is produced with Apple＇s Developer Enterprise Program．How to Play MP4 on iPhone Xs r X S Max？Just click here to visit A．A Ios 9 is ow available for iPhone $3 G$ ． 0 ／iPhone $3 G$ users ha ve experienced the very slow．As a powerful iPod i Phone transfer program，iPad Leawo iTransfer．A AD ps can be downloaded on the iPhone smartphone the ps can be down loaded on the iPhone smartphone the iPad tablet computer，the iPod Touch handheld comp uter some can be transferred to the Apple．How to install software on iphone 3 g without itunes．Back install software on iphone 3 g without itunes．Back up and transfer photos／music／contacts／SMS．If 0 Responses to＂How to：Hacktivate iPhone 2G／ $3 \mathrm{G} /$ SS／ 4 without a sim card！IPhone Xs／Xr／X \＆1Ph

dvantage of the event to unveil the latest ver sions of their already existing models．Discover th $s$ coming $』$ Like the Golf，the Volkswagen Tiguan be nefits from the special Match series before the im minent arrival of the restyled version in 2020．Th e Tiguan Match is available at a minimum price of e Tiguan Match is available at a minimum price of
$\$ 43,280$ with the 2.0 TDI 150 engine．For the end of 2019，the Volkswagen Tiguan is adopting the spe cial．．．\＆Tesla range：increased power and route pla regularly updated like a phone．After the big upd te＂version 10.0 ＂，it is a lighter optimization， ut not least，which is deployed．It concerns powe and route planning．During the conference announc ng the good results of Tesla in the third quarter of 2019，which signals．．．a Peugeot e－Expert and Ope
Vivaro－e（2020）．Utilities powered on After th Citroën e－Jumpy，PSA unveils the electric versi $n$ of its compact utility vehicles．Available in tw 0 autonomies（ 200 and 300 km ），the Opel Vivaro－e a

## Facts $\boldsymbol{\&}$ Trivia $=-0.54$

．d as claimed in claim 9 ，wherein the step of equesting synchronization packet data signals from the master device comprises sending a request for a specified number of synchronization packet data
signals． 11 ．The method as claimed in claim 9 ， signals． 11 ．The method as claimed in claim 9 ， herein the basestation connects into a core netwo k of the mobile communications network． 12 ．The
method as claimed in claim 9 ，wherein the master method as claimed in claim 9，wherein the master
evice comprises a second basestation in the mobil evice comprises a second basestation in the mobile communications network，and wherein the second bas ile communications network．』13．The method as a aimed in any one of claims 9,11 and 12 ，wherein he basestation is configured to synchronize the equency synthesizer to the master device on receip $t$ of the synchronization packet data signals from the master device．$₫ 14$ ．The method as claimed in any one of claims 9,11 and 12 ，wherein the master any one of claims device comprises a second basestation of a mabile communications network．A15．The method as claime in claim 13，wherein the basestation is configur

Educational Value $=-0.38$
．．load foot orthoses；cursor，established folder and burden among hours．Neither dataset nor photo steps the economic state of sexualityReproductive PeepsGalaxiesEuropeMasksForwardsMasks making the ssistance through which the free ancestor is to di ffer expanded．massive feelings do designed that t here is an continuous download foot orthoses and o ther forms between the terms of the coordinate par ties and those of a Hieracium level of all attacks This immediately is away an wild－type of private control．2014；slides of all essays and of all cha nges，conflicts，and duties．2019；many other cour se shall have mammals through devastation and man through its groups．download foot orthoses and oth er forms；paper and the third expression of specie $s$ and phyla with the houses of order and Hegeliani sm is the same northeastern of the European minori ties．contrary is neither pure skinhead nor primar y police；it appears aposporous angle and service．

## Required Expertise $=-0.49$

igher prices．$\# \mathrm{Q}$ ：How long do I have to accep the quote？$\& A$ ：The email quote is valid for thi ty days．If you choose not to accept and pay the $s$ after the quote expiry date．You can request the return of your drive at any time during this perio d by contacting us with your quote reference numbe $r$ ，and paying a small return shipping fee．$\Delta \mathrm{Q}$ ：Ar there any costs to me for the free evaluation pr ocess？a A：You will need to pay for the shipping of your hard drive so we can inspect it（average p rice of our recommended courier service is $£ 4.49$ ）． If you choose not to accept the quote and want you drive returned，you＇ll need to pay on average $£ 6$ .00 for tracked shipping．Other than those，there are no costs to you．No exceptions．$A$ Q：How do I package my drive？$\leftrightarrow A$ ：Hard drives are delicate de vices，and care must be taken when packaging them． Please ensure you follow the advice on how to ship your hard drive．\＆Q：Can I send my device via Roy
al Mail or a different courier to that which you o

Facts \＆Trivia $=0.45$
．The newer MCU infotainment system allows owner s to play more games and to watch Netflix．This me ans that some people that come in for this，might opt to upgrade for $\$ 2500$ ．This means that Tesla co uld have a more capable vehicle ald have a more capable vehicle． 1 I don＇t know wh at percentage of these 159,000 owners fell into th the 100 k mark．When I had my 2016 Model X in $f$ or service they replace my flash for no cost to me or service they replace my flash for no cost to me
but there were some things that I think you should be aware of if you take your Tesla in for the eMMC upgrade．a Getting The eMMC Upgrade $\uparrow$ As mentioned above，my 2016 Model X recently had the eMMC upgra above，my 2016 Model X recently had the eMMC upgra unit．A larger flash will mean that the reads and writes will be distributed over 8 times more space and each sector will have less wear and tear．This alone will improve the lifespan of the unit．Addit ionally，Tesla has made some software updates to b more selective about what they write to the unit

## Educational Value $=0.67$

re efficiently and productively，even hierarch ies if needed．Multiple integrations with third－ parties \＆VSNExplorer MAM＇s architecture allows fo r flexible integrations with all types of systems， such as traffic，QC，transcoding，automation，prod uction systems，and many more．It is service－orien ted based on SOA connectors and it also has an ope n API and Single－Sign－On（SSO）authentication sche ne via SAML protocol．\＆Download VSNExplorer MAM P roduct Information $₫$ Discover the advanced functio nalities of our MAM System a Automatic metadata ca
taloging with AI $\leadsto$ VSNExplorer MAM has been integr ated with many Artificial Intelligence detection e ngines such as IBM Watson，Google，Microsoft Azure Etiqmedia，etc．resulting in an improved MAM sol ution（in the Cloud or on－premise）．This integrati on enables to obtain automatic metadata from media （such as image processing，facial recognition，obj ects and audio effects detection，sentiment analys is，speech to text，etc．）to help archivists autom

## Required Expertise $=0.66$

nowledge of the airplane，and proceeded to the unway to observe the takeoff．On takeoff the engi ne sounded＂strong and even，＂and that the airplan e popped up off the ground in a relatively flat at that he heard a reduction in power and observed a slight sink，followed by an increase in power with a slight left roll and［ascent］，then a decrease i n power with a sink／right roll／left yaw，then an ncrease in power with hard left roll／left yaw．The airplane continued to sink until the left wing imp acted the ground off the left side of runway $4 R$ ． The mechanic reported that about 10 minutes later the pilot called to inform him that he had crashed ，which the mechanic told him he had witnessed．Ad ditionally，the mechanic stated that the pilot com mented to him that there was a problem with the fl ight controls，to which the mechanic stated that $h$ e told the pilot that he did not believe that to b the case，that he observed the aircraft react in all directions，and that it appeared that the pilo

Writing Style $=1.01$
．．$\&$ To travel a certain distance you must first traverse half of it．』Makes perfect sense．Two is one plus one．And one is one－half plus one－half．B ut don＇t be fooled by this seemingly innocent reas
oning；it＇s a trap！（Admiral Ackbar！）$』$ To appreci oning；it＇s a trap！（Admiral Ackbar！）』To appreci ate what＇s going on－and connect Zeno＇s paradox bac $k$ to cal rbucks，two feet away from the cash register．He＇s ls out＂next！＂And that＇s whon poor Zena ls out next！And that s when poor Zeno panics． e must now walk two feet，but because of his minds et，he walks onky half that distance step．He then walk hath（his remaining distan ce with his second step．（Can you imagine how anno ging those in line behind him are getting？）The fi 0 has walked and the change in distance $\Delta d$ after each of his stens a Fig 1．2．Zeno trying to walk each of his steps．A fistance of 2 feet by traversing half the remain ing distance with each（Reprinted with perm ing distance with each step．（Reprinted，with perm
ission，from Calculus Simplified．）A Here＇s a tabu

## Facts \＆Trivia $=1.44$

heat map visualizations of PS20，a CSP station in Spain，that instantly suggest the possibility o minor blockig problems or some heliostats in $t$ he summer and winter．The heat map on each reflect solar radiation re a $8 \times 8$ rid on the direct plane．Hence it already includes shadowing loss， locking loss，and eadention loss，And you didn＇t read the image wrong each heliostat reflector has whopping area of 120 square meters（ $12 \times 10$ has rs），dwarfing the vehicle in the image！$₫$ This blo g post features several new tools that were just a g post features several new tools that were just a
dded to Energy3D to support the actual design task s．AFig．4：Variations of layouts $₫$ The first too s．A Fig．4：Variations of layouts at The first too
1 is a field layout wizard that provides basic ste ps for customizing three different types of layout pS for customizing three different types of layout
：circular，rectangular，and spiral．It allows you ：circular，rectangular，and spiral．It allows you flectors as well as a variety of parameters to aut flectors as well as a variety of parameters to aut omaticaliy generate a layout．Of course，you can
lso easily copy and paste to create linear arrays

Educational Value $=1.67$
whose entries sum to zero；this is an $\backslash(n-1 \backslash)$ dimensional subspace．The property that $\backslash\left(M^{\wedge} 2=J \backslash\right)$ ， along with special properties of $\backslash(\mathrm{J} \backslash)$ ，allows you
to conclude that higher powers of $\backslash(\mathrm{M})$ are all ju st multiples of $\backslash(\mathrm{J})$ ）in in particular，examining $\backslash($ $M^{\wedge} 3=M J=J M \backslash$ ）reveals that every node in the graph h as the same number of neighbors $\backslash(k \backslash)$ ．So $\backslash\left(M^{\wedge} 3=\right.$ as the same number of neighbors $\backslash(k \backslash)$ ．So $\backslash\left(M^{\wedge} 3=\right.$
$\mathrm{kJ} \backslash)$ ．（And $\backslash\left(\mathrm{k}^{\wedge} 2=n \backslash\right)$ because $\backslash\left(\mathrm{k}^{\wedge} 2 \backslash\right)$ is the numb er of two－step paths，which lead uniquely to each node in the graph．）Notice that because of this ne ighbor property，$\backslash(M \backslash)$ sends a column vector of al 1 ines to a column vector of all k ＇s，so $\backslash(M)$ has an eigenvalue $\backslash(k \backslash)$ ．Based on the powers of $\backslash(M \backslash)$ ， $\backslash(M \backslash)$ furthermore has $\backslash((n-1) \backslash)$ generalized eigenv ectors with eigenvalue zero．There are always exac tly $\backslash(n \backslash)$ independent generalized eigenvalues，and we＇ve just found all of them．Their sum is $\backslash(\emptyset+\theta+\emptyset)$ we ve just found all of them．Their sum is $\backslash(\theta+\theta+\theta$
$+\backslash l$ dots $+\theta+k=k \backslash)$ ，which establishes the result． The same procedure establishes a more general resu lt：If there＇s a unique $r$－step path between every

## Required Expertise $=1.58$

ed using frames so that the receiver can colle ct enough energy to recover the signal．Thus，the symbol duration is．The TH codes are integers cho sen from so that multiple users can access the cha nnel concurrently and the transmission time of th the highly－frequency selective feature of UWB chan nel，the frame duration is chosen such that，wher $e$ is the maximum excess delay of the channel．This condition eliminates intersymbol interference（ISI ）．The energy of one pulse is．a where is the cha nnel template，denotes the convolution operation a nd denotes the noise including multiple access int erference（MAI）and an additive white Gaussian noi se（AVGN）with zero mean and two－sided power spect ral density．The noiseless received signal energy in each frame is defined as and is proportional to the pulse energy．Transmitted Reference（TR） with＝ 1 if is even，otherwise $=a$ Multi－Symbol ulti－symbol block index and．with and where is a multi－Symbol Tran

Table 21．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 6 （5．7\％）city，park，hotel，area，day，food，road，street，room，town．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-1.23$ | Writing Style $=0.08$ | Writing Style $=1.00$ | Writing Style $=1.84$ |
| ， $000 £ 70,000 £ 80,000 £ 90,000 £ 100,000 £ 125,000$ <br> $£ 150,000 £ 175,000 £ 200,000 £ 250,000 £ 300,000 £ 350$, $900,000 £ 1,000,000 £ 2,000,000 £ 3,000,000 £ 4,000,00$ $0 £ 5,000,000 £ 7,500,000 £ 10,000,000 £ 15,000,000 £ 2$ $0,000,000 \leadsto$ No Min Studio 1 bed 2 beds 3 beds 4 be ds 5 beds 6 beds 7 beds 8 bedst $\uparrow$ No Max Studio 1 bed 2 beds 3 beds 4 beds 5 beds 6 beds 7 beds $8 b$ eds + All Country House Flat／Apartment House New Home $』$ Include Under Offer $』$ Houses for sale in El ephant and Castle Flats for sale in Elephant and Castle New homes for sale in Elephant and Castle 2 bedroom for sale in Elephant and Castle Place，Kennington，SE17 $£ 685,000$ Leasehold $』$ Winkworth are proud to present this stylish two－be droom apartment on the second floor of a unique pu b－conversion．EPC B．a Kennington Estate Agents 02 $075870600 』$ Ref：KEN210197』How much is your pr operty worth？Book your free，accurate property appraisal．』 Book my free appraisal a Brook Drive， Kennington，SE11 a A great opportunity to acquire | are made at home and taken with us on road tr ips，on airplanes，trains，buses or field trips．A small flat ice pack comes in handy for taking item $s$ along that need some chilling or in their school lunchboxes for sandwiches that need a bit of chill ing before lunchtime．a Sandwiches are a favorite for my munchkins．There are endless possibilities as broad as your imagination．There＇s always good ＇ol peanut butter and jelly but wait．．．．not just an y PB\＆J．Here we have so many different jellies and jams and types of peanut butter or spreadable kind s of butter．Don＇t forget Nutella．Just try to lim it how much you spread on the bread，as it has a 1 ot of sugar in it．It＇s made with hazelnuts，and a once in awhile．$A$ Types of jelly and jam my kids 1 ike－If we aren＇t picking berries from where ever we find them and making our own jelly，we buy jell $y$ and jam with the fewest ingredients，no high fru ctose corn syrup（HFCS），a natural preservative li ke ascorbic acid or the ingredients are all organi | flated prices on his produce．But it saves us a journey on the crappy track to town and the stuf f is pretty good quality．He even sometimes has go odies like yoghurt and meat！Woohoo．There is also a truck that comes around who will fill the underg round water tanks and will fill your water bottles rare visits．In fact in two months we＇ve only se en them once．Another fabulous pro to this parad ise is the delicious fresh coconut water and flesh that Chris does most mornings to put on our breakf ast．So fresh，literally fallen from the tree the day before．Erm，there＇s the con．I＇m terrified of walking under these damned coconut trees，especial ly when it＇s windy which at the moment is quite a lot．I am sure it would kill you if one fell on yo ur head and they＇re pretty stealth and you only he ar them when they hit the sand with that very fina 1 dull thud．In fact I have googled it and apparen tly only about 150 people a year die from falling coconuts，I am very surprised！With our nearest neighbours at nearly two kilometres away and there | long since become the village hall．$\#$ Still， it was theirs，and the leaving was deeply painful for the older villagers．And like Normanton Church which had lost its congregation long before the 1970s，it was symbolic enough for local people tha $t$ they spent time and trouble keeping it intact． That＇s surely worth a visit from the land of the 1 iving．Normanton Church： 01780 686800；anglianwa ter．co．uk．Check for openings and events such as $C$ oncerts．ATyneham Village：tynehamopc．org．uk．The village is usually open at weekends and more frequ ently during school holidays－check firing sched ules．Also see dorsetforyou．com／lulworth－range－wal ks （free，car park donation）．\＆The restored schoo 1 at Tyneham Credit：Getty $\Perp$ Three more beautiful lost places $』 1$ ．St Kilda，Outer Hebrides $\Perp$ The Ga elic－speaking population of this archipelago of pr ecipitous islands 40 miles west of the Uists had d windled to 36 people by 1930，when they were evacu ated．It＇s now a Unesco World Heritage Site and bi rders＇paradise administered by the National Trust |

## Facts \＆Trivia $=-1.38$

．$m$ like we were the ones who made the mistake， taken an hour turned into almost two hours while taken an hour turned into almost two hours while w e all sat there with empty water glasses put in th
e far corner of a quiet restaurant．At one point a gentleman in a suit－presumably a manager？he did not really introduce himself－came over to ask ho w things were and when we explained，he said＂oh o kay we＇ll take care of that＂－well we sat there f or another 20 mins or so waiting for the check exp ecting our apps to be comped or something but rece ived absolutely nothing．No offense but for $\$ 140 \mathrm{~b}$ ill without tip－there are A LOT of better places our money could have been spent－this place won＇t receive a dime of business again．A My family and I had a great time there．a I would recommend Red torrible very disappointed．The manager did not even offer to accommodate us given the food issues Will not visit this location again．a Redstone always good，but they outdid themselves this ti

## Educational Value $=-1.54$

g enough to seat three on each side．$₫ 8 \mathrm{Ft} \mathrm{Pi}$ nic Table Plans Free Download－New Plans For Fol load Wall Bookcase Plans Plans For Built In Bunk B eds Ibiza poker room Picnic Table Plans Ibiza pok r room Sheds Smyrna Suffolk otb slots－Bench Picn ic Tables Plans Storage Ibiza poker room Pkker Del ic Tables Plans Storage Ibiza poker room Pkker Del m Table Building Plans Coffee Table Sliding Top Cu m Table Building Plans Coffee Table Sliding Top Cu
stom Computer Desk Plans Download Picnic Table Ben ch Combo Plan－Plans For Crate Coffee Table Down load Picnic Table Bench Combo Plan Veritas Workben ch Plans Plans For A Deck Chair Free Plans For Out door Side Table Qvc Garden Sheds Shed Plans DIY Moororcycle．\＆Plastic．Storage．Shed Outdoor Stor ge Sheds Charlotte Large Vertical Storage Shed Sto rage Shed Footings．Qvc Garden Sheds Best Foundati on For Metal Tijuana stud poker Shed Sheds And Sto rage Buildings Jacksonville Fl Motorcycle．Plastic Storage．Shed Riverside $10 \times 14$ Shed Kit－Free Dining Room Table Plans Woodworking Riverside ibiz
the weekend．so we＇ll check in now with traf fic on the 8 s as more and more people start hittin g the roadways．＞＞reporter：that＇s right．we＇ve go on good drive，though．we re seeing more vehicles 789 this is 275 at 54th avenue．this is north in p inellas county．as i move over here，this is 275 ， actually near hillsborough avenue．looks like we $g$ ot more vehicles out there，but we＇re still flowin the howard frankland from downtown and bearss in to downtown just 10 minutes south on 275 ．that＇s a look at weather and traffic．back to gene and gay e．＞thank you，leslee．the 2016 heart walk is ri ght raising $\$ 100,000$ ，but we need your help．lokia is generously matching the $\$ 50,000$ we raised，so e very dollar you raise counts too．the walk is nove com／heart walk for details．families with a love d one in hospice know that it can be very，very di
fficult to deal with that．＞no doubt about that．

Facts \＆Trivia $=-0.14$
turned our experience around dramatically．In the end，I had a good time．Pro－tip：Each table se ats 6 ，and they pair up their tables with very lit tle space in between，so even though our party was re sitting at the same one．They did put our order re sitting at the same one．They did put our order ood：pretty delicious．Unlike other Korean BBO pla ces，the sides were al ready served meaning we sat down to a full table．I was a little overwhelmed at first，a bit confused by what all the dishes re，but our placemats had instructions，ind so by process of elimination，I was able to figure out hich dishes held items meant to be consumed with he meat，and which were meant as sides that could be eaten separately．Another A＋t for thoughtfuln be eaten separately．Another A＋＋for thoughtfulnes ad a little moat where the warm sides－eggs and corn with cheese－could be cooked and kept warm． The cold sides included kimchi，pickled radish so pickled radish，tofu，and salad．The salad

Educational Value $=-0.46$
．．of of the snowshed is upheld by timbers．Sunli ght streams through the opening at the end of the snowshed．Date：（between 1904 and 1913）．Source：
T．Bollinger from W．I．Hoklas．＂Picture 7 belo is DPL photo MCC－454A．＂Title：Group on Rollins Pass．Summary：Well dressed men and women stand a snowfield making snowballs，Rollins Pass，Moffat Road，Boulder or Grand County，Colorado；probably on Denver，Northwestern and Pacific excursion tra on Denver，Northwestern and Pacific excursion trai
n ．Date：（between 1904 and 1913）．Creator：Louis $C$ harles McClure 1867－1957．Picture 8 below，is DPL photo MCC－624．＂Title： 30 ft ．Snowcut，Rollins Pas s，Moffat Road photo．Summary：Denver and Salt Lak e Arrow Turn（passenger car）parked east of Corona snowshed by thirty foot snowbank cut，Rollins Pass Colorado；shows men，women and railroad employee posed behind train，on roof and on snowbank and standard gauge track．Date：（between 1904 and 1915 The highway sign says The Moffat Road＂Hill Route＂ Also called＂Corona Pass Road＂，this road over the Cinental Divide was the original＂Hill Route
te check－out at 11am．\＆Visit www．metrohotels com．au Great views of Lord Howe Island ．．．from th e luxurious Capella Lodge．Image：Rhiannon Taylor． has reopened following a four－month refurbishment by Baillie Lodges．$A$ The new look includes a refre shment for each of its nine luxury suites，with si gnificant additions to the Makambo Loft and Catali na Suite．\＆The Capella Spa has a loft setting ove looking the ocean，while additions in the main lo dge include a teak－clad bar in a nod to the island ＇s seafaring heritage，as well as new furniture an d soft furnishings which together create a more co ntemporary feel．$屮$ With spectacular views of the 1 sland＇s dramatic twin peaks．Mount Gower and Lidgb ird，the premium Makambo Loft now features extens ve outdoor decks offering several lounging options ，while a new heated plunge pool and private canop ied daybed are ideal for relaxing in the afternoon breeze．A Best－suited to families or friends holid aying together，the Catalina Suite has a light and

Facts \＆Trivia $=0.79$
team behind the garden labelled it＂a sculpte d art installation，not constrained by the rigours of season，climate or geography＂．The models were made by hundreds of volunteers including school ch ildren，war veterans and professional model makers I can＇t decide whether I think it＇s a very cl for all age groups or a stunt to gain gardening for all age groups or a stunt to gain publicity fo
r May＇s new television show about children＇s favou rite toys．The question that sticks in my mind is how it could it be judged as a garden if it contai ned no real plants？The Chelsea judges obviously new they couldn＇t judge it as a normal garden and therefore it was awarded a plasticine medal instea d．$\omega$ While I＇m sure there are many true gardeners whose distaste for the garden will linger long aft er the plasticine has melted．The people have spok en and voted for it in their thousands．It has gai ned the much coveted Peoples Choice Award for smal 1 gardens．A These little protty little flowers ap pear quintessentially British．Although most speci

Educational Value $=0.32$
oers can catch a variety of world－renowned art sts－from new wave party－rockers the B－52s to re lou Harris，and more．The zoo＇s summer concert ser lou Harris，and more．The zoo＇s sumner concert ser $n$ and Banfield Pet Hospital．For more information and a full schedule，visit zooconcerts com．Oreg on Zoo supporters can enjoy beverages and culinary delights from more than 25 of the area＇s top resta urants July 18th at the annual Zoolala，an Oregon Zoo Foundation event．Photo by Andie Petkus．Lat er this spring，officials will announce the line－u p of local bands for Sunset at the Zoo，presented by Banfield Pet Hospital．Free for zoo members，Su nset at the Zoo offers a rare chance to enjoy the $z 00$ in the beautiful twilight hours of summer．Pac ked with a variety of al fresco dining opportuniti es，live music and activities for kids，Sunset eve nings also give visitors the chance to get to know animals that are more active at dusk．Sunset at th

## Required Expertise $=-0.48$

（ 351 ft ）Width 70 metres（ 230 ft ）Width（na e） 38.9 metres（ 128 ft ）Height（max） 136.7 metr he Basilica di Santa Maria del Fiore（Florence Cath edral），Florence，Italy $\oplus$ Florence＇s cathedral sta nds tall over the city with its magnificent Renais sance dome designed by Filippo Brunelleschi．The c athedral named in honor of Santa Maria del Fiore i $S$ a vast Gothic structure built on the site of the 7th century church of Santa Reparata，the remains of which can be seen in the crypt．The cathedral w as begun at the end of the 13th century by Arnolfo di Cambio，and the dome，which dominates the exter ior，was added in the 15th century on a design of Filippo Brunelleschi．A statue to each of these im portant architects can be found outside to the rig ht of the cathedral，both admiring their work for the rest of eternity．Florence＇s cathedral is the 4th largest in the world，after St．Peter＇s in Rom e，St．Paul＇s in London and the Duomo in Milan．Th e exterior is covered in a decorative mix of pink，

## Facts \＆Trivia $=1.77$

n cores，address environmental concerns，and p reserve history－all of which help to redefine th e post－industrial city（Loures，2015）．』One of th e earliest precedents of a post－industrial landsca pe is Parc des Buttes－Chaumont in Paris．The proje ct was initiated by Napoléon III，who wished to cl ean up the slums and bring＂green lungs＂to produc e healthy air for the city and improve the aesthet 1CS and 1mage of Paris．Designer Jean－Charles Adol phe Alphand transformed the site of an old refuse dump and quarry site within the new industrial are a of the 19th arrondissement，into Parc des Buttes
－Chaumont（Komara，2013）．The design of the park e －Chaumont（Komara，2013）．The design of the park e ngaged new construction techniques and new materia
ls，such as irrigation systems，hydraulic pumps，$t$ 1s，such as irrigation systems，hydraulic pumps， ree－planting machinery，new uses of concrete，and
more．Alphand played along with the theme of the E more．Alphand played along with the theme of the E idea that some things found in nature look artific ial，but what＇s new looks organic（Komara，2013）． ial，but what＇s new looks organic（Komara，2013）．
a After World War II，the industrial city shifted

Educational Value $=1.10$
d with．』Upon arrival，I couldn＇t help but no tice a few things that were unique about our exper ience here compared to other Asian ports．There wa ort control and customs．But instead of sanding $n$ the morning sun，we enjoyed the shade of long， overed breezeways．We were processed quickly and ourteously，such was the thoughtfulness of our Jap ourteously，such was the thoughtfulness of our Jap
anese hosts．Also，when we left port，a group of $w$ anese hosts．Also，when we left port，a group of w
ell－wishers stood on the dock and bade us goodbye． a My first destination was the Glover Garden and $G$ lover Residence．Thomas Blake Glover was a Scottis $h$ merchant，and his house is an interesting mixtur e of Western and Japanese design and construction． Flowers，a koi pond，and statues of Puccini and Mi ura Tamaki（a famous Japanese opera singer who per formed in＂Madama Butterfly＂）decorate the grounds ．We were lucky to see some flowering cherry Sak ura as well．The residence and garden are located on a hill overlooking the harbor．It was not dista from the harbor，but we had to climb steps and

Required Expertise $=0.39$
ecide who would represent the Families．Said r epresentative had the authority to speak on behalf of the Five Families and each Representative would hold the position for a 10 year period before a ne w Representative would be selected in the same man ner．To this day，Azmath has been the centre of ties，making it a ripe target for Bandits and Slav ers from Ik＇sumar，as a result the number of Guard sman Irregulars and Kurgarn Battleborn tend to slo wly rise and fall as a dissuasive measure．A prime target for any invader，but the beating heart of $t$ he Principalities on the whole．A．Falava City The Default Capital City of the Region，Falava was first founded as a settlement meant to house the s urplus population that came first．As time passed， wooden huts and tents gave way to a sprawling city metropolis of stone wood and bricks，the hierarchy made very clear：at the heart of the City are the Five Noble Families，all housed in the Grand House s surrounding the Keep，the residence of the Regio

Table 22．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 7 （5．3\％）game，season，team，games，players，league，play，player．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style $=-1.52$ | Writing Style $=-0.58$ | Writing Style $=0.14$ |
| rmer R＇s goalkeeper，Harvey White．Mr Skipper waved play－on after an Continue reading $₫$ QPR U23 （1）Coventry City U23（2）Novenber 18， 2019 Nove mber 18， 2019 Steve Russell 423 Professional Dev elopment League Team：Barnes，Willians－Lowe，Gubbi ns，Wells，Rowan，Suliman，Duke－McKenna，Bansal－Mc Nulty，Walker，Frailing，Dalling Subs Not Used：Di ckinson，Drewe．Ben Wells captained the Rangers si de and also in the starting line－up was 21 －year－ol d centre－back trialist，Easah Suliman．The first r eal goalscoring opportunity of the match came foll owing a dangerous cross from Deshane Dalling Conti nue reading e OPR U23（1）－Ipswich Town U23（1）a October 31， 2019 October 31， 2019 Steve Russell a U23 Professional Development League Tean：Brzozows ki，Drewe Woollard－Innocent．Wells ，Masterson Ro wan，Dalling，Duncan，Walker，Bansal－Mclulty，Shod ipo Sub Not Used：Dickinson Ipswich came into this match having not won a game all season．For the $\mathrm{R}^{\prime}$ s ，Aaron Drewe and 0lamide Shodipo made their retu | o but they got rejected because he wasn＇t ther e so it was nice to have a success on a my second try（this time c／o the Rangers stadium）．Always gr eat to add another signed custom to the album too even though he didn＇t keep any of the extras I sen Deck card．I＇d love to to try building that set but I ＇ m scared of the UV bricking．a Another great retu rn ，this time Larry Walker in 100 days．I saw a lo $t$ of people blaming Coors Field for Walker＇s numbe enduring memory of him is watching him crush balls to all fields during night games at Candlestick．D ude could rake anywhere in the league and is a tot ally deserving member of Cooperstown．\＆A 210－day return from Kevin Tapani brought a nice 1991 card back to me．I remember him being a solid pitcher f or the Twins that year（and he was）and，since 199 1 is right in the sweet spot of my childhood fando <br> m ，that means that I think of his 1991 form first | tournament in which more than one game is pla yed per day on consecutive days，players should ha ve additional time off from sports activities foll owing the event to allow for recovery．$a * *$ Young a thletes in these age ranges who are approaching th ese maximum hour limits should NOT be playing anot her sport concurrently．$』$ REST GUIDELINES a MINIMU M REST DAYS PER WEEK $\leadsto$ MAX MONTHS PER YEAR IN ORGA NIZED BASKETBALL $a$ RECOMMENDED HOURS OF SLEEP PER NIGHT \＆9－12 hours \＆ 8 －10 hours＊\＆＊For 12 －year－0 lds，9－12 hours of sleep is recommended \＆Definiti ons and additional information regarding the recom mended and maximum participation tables are provid ed in Appendix B．a Player Segmentation Model a Ba sketball currently lacks a consistent way to group kids for competition，and the result is a patchwor $k$ of different structures，age requirements and ru les．Classmates may be able to play with one anoth er in a given tournament that uses a grade－based classification system（based on academic year in s |


#### Abstract

Facts \＆Trivia $=-1.19$ 11 right now．We definitely can improve．I＇m $n$ ot the GM．We have to take it upon ourselves to ge eally take that next step．＂$\leftrightarrow$ Anthony ranks third eally take that next step．＂$A$ Anthony ranks third in Nuggets history in points scored $(13,970)$ and in Nuggets history in points scored $(13,970)$ and steals（634）， 3 －point field goals（410）and reboun steals（634）， 3 －point field goals（410）and reboun the second time and be part of a New York team th $t$ could be in a position to not just make a playof t could be in a position to not just make a playof sixth place in the Eastern Conference．AThe Nugge sixth place in the Eastern Conference．© The Nugge ts（32－25）begin the second half of the season in seventh place in the Western Conference．Four of $t$ heir next five games are at home．a Source－http： ／www denverpost com／nuggets／ci 17440130 \＆Last edi ted by xabial；02－21－2011 at 04：15 AM．a hugepatsf a PSD＇s Dont＇a Hightower $\&$ I don＇t understand why DEN wants to expand this to include Felton and Billups．NE Patriots Forum HOF（Class of 2011） Billups．NE Patriots Forum HoF（Class of 2011）


## Educational Value $=-1.75$

mondbacks completed a three－game sweep with a 5－3 win over the Colorado Rockies on Su．．．』Blue Jays hit 3 HRs，notch 17 hits in 12－3 rout of Orio run sixth inning，Cavan Biggio went deep twice and the Toronto Blue Jays hammered the Baltimore Oriol es 12－3 Thursday night．．．．』Crawford hits 2 HRs 0 help Giants breeze past Orioles $8-1$ BALTIMORE（ P）－Brandon Crawford hit two home runs，Evan Lon oria had a slump－breaking solo shot and the San Fr ancisco Giants got a solid pitching performance fr om Jeff Samardzija in an 8－1 rout of $t \ldots a$ McMaho $n$ drives in 3 as Rockies beat Greinke，D－backs 6－4 Ryan McMahon hit a tiebreaking，two－run double in the seventh inning to make up for a costly error， and the Colorado Rockies added on in a $6-4$ win ove the Arizona Diamondbacks ．．．\＆Red Sox use late rally，big 10th inning to beat Orioles 8－6 BALTIMO RE（AP）－Rafael Devers led off the 10th inning wi th a home run after Marco Hernandez tied it with solo shot in ninth，and the Boston Red Sox beat th

## Facts $\boldsymbol{\&}$ Trivia $=-0.34$

．eded momentum going ahead in the tournament Yatch：Zimbabwe U19 vs Papua New Guinea U19，Match ST \＆Venue：Queen＇s Park Oval，Part of Spain Tr ST \＆Venue：Queen＇s Park Oval，Port of Spain，Trin
idad．a ZIM－U19 vs PNG－U19 Predicted Playing XI Zimbabive U19 $₫$ Rogan Wolhuter（C）S Laul Zimbabwe U19
1 Bowan Wolhuter（C），S Saul，Emmanue
Brian Bennett，David Bennet，Victor Chirwa Bawa，Brian Bennett，David Bennet，Victor Chirwa ，McGini Dube，Alex Falao，Tendekai Mataranyika，C U19 \＆Boio Ray（C），Peter Karoho，Malcolm Aporo Ryan Ani，Barnabas Maha，Christopher Kilapat，Pat ick Nou，Sigo Kelly Aue Oru，John Kariko，Karoho Kevau．A Pitch Report a The wicket at Queen＇s Park Oval is neutral in nature．Teams batting first and batting second have won almost the same number of games at this venue．It is a decent scoring ground However，batters should look to take their time at the crease if they want to put up a good total on the board．Spinners will have to play their par $t$ in the middle overs，which will be crucial for $t$ bowling sides．Whichever team wins the toss sho

Facts \＆Trivia $=0.41$
．Besides，four victories don＇t erase the mess $t$ hat Aquilini has been paddling through for the pas $t$ few seasons．．．．The Columbus Blue Jackets are
to visit Vancouver on Tuesday night．Vancouver the to visit Vancouver on Tuesday night．Vancouver the n plays the host San Jose Sharks on Thursday befor e returning home to face the Toronto Maple Leafs o
n Saturday and the Arizona Coyotes on Sunday．ARe $n$ Saturday and the Arizona Coyotes on Sunday．a Re
cent headlines，courtesy of Dwight Perry of the Se attle Times．．．At ANOTSportsCenter：＂Report Ch ase Claypool is still at US Bank Stadium celebrati ase Claypool is still at US Bank Stadium celebrati
ng his 4 th－down catch，and is wondering where ever yone went＂At TheOnion com．＂Hiker trapped for days under fallen boulder survives by cutting off own ponytail．＂』＂A fan in Las Vegas took off her prosthetic leg and beat another fan with it du ring the Golden Knights＇3－2 loss to Edmonton the other night，＂reports Perry．＂Lucky she wasn＇t whi stled for a gam misconduct．＂a Perry，again：＂Seat tle just experienced its wettest fall in history， with 19 inches of rain between September and Novem

Educational Value $=-0.95$
．e was the AFL＇s longest－serving physician．He began as a player in the VFL，with three games wit h Hawthorn in 1966 and 1967 before receiving his $m$ gor Preston in the VFA． 2018 AFL Hall of Fame Submitted on Fri，06／01／2018－6：51 PM EDT a Kev in Sheedy waving the scarf a There are many adjec tives one could use to describe Kevin Sheedy－pio neer，ambassador，quirky，madcap，innovator，ecce tric，master coach，a legend in his own time．Now the latter is official as Sheedy，already in the H all of Fame，was elevated to Legend Status．He bec omes the 28th Legend．a The 2018 AFL Hall of Fame ceremonies were held on the Tuesday evening after Round 10．Along with Sheedy＇s elevation，six playe rs were inducted－Terry Wallace，David Neitz，Way ne Johnston，Matthew Scarlett，Mel Whinnen（WA）an d Bernie Naylor（WAA）．a Longmire Coach Of The Year Sydney may have lost the Grand Final to Hawthorn but Coach John Longmire enjoyed an individual vi

## Required Expertise＝－1．10

gainst Florida on only one attempt．\＆Also， would say that losing 70－19 is better than losing 56－6．My reasoning is as follows：Florida outscore
d South Carolina by more than an $9-1$ ratio，but ly outscored The Citadel by a little more than a 3 6－1 ratio．Advantage，Bulldogs．\＆The good side The basketball game also went about as expected， nd this was a good thing．The Citadel was never th reatened by Cincinnati Christian and pulled away d own the stretch for a convincing victory．CCU had no answer for Cameron Wells，who had a good game n ot only on the stat sheet，but in terms of letting the game come to him．Zach Urbanus had a strong fi rst half and a solid overall game．The Bulldogs di d a good job in this game of getting to the foul ine and converting．Getting their fair share of $f$ ee throw attempts has to be a priority for the Bul ldogs，especially when shooting foul shots is one of The Citadel＇s strengths．a Speaking of that，Ph 1llip Pandak got into the game late，and was almos immediately fouled．I was rooting for him to mak

Educational Value $=-0.25$
．．dnesday，May 8，the New England Revolution fir ed head coach Brad Friedel the next day．at He wasn ＇t the only problem plaguing the Revs．New England is a prime example of how not to succeed in today＇ s Major League Soccer．Friedel was just 46 games into his tenure as head coach．The defeat was a go od encapsulation of the myriad of problems that th former U．S．international faced in New England． The Revs had nothing in the way of attacking ideas
failed to finish the few opportunities they did create and made a slew of basic individual errors in defence to allow a five－spot against a Chicago team that had been shutout in three straight games heading into Wednesday＇s match．$₫$ The loss was New England＇s second consecutive five－goal defeat，dro pped the Revs to $2-8-2$ on the season and pushed th eir goal differential to a staggering－19．It was a pathetic performance，the type of game where you could almost see the players quit on their coach． New England was justified in their decision to

## Required Expertise $=-0.55$

praise，I guess，from a seasoned veteran suc $h$ as The Bont，accumulator of 56 games now，and al $t$ many by his peerless standards，yet to my mind $h$ e was，if not the best，the most influential playe $r$ on the ground．©There was a wonderful moment， ight in front of where the Tragician Tribe sit． rito had the ball，close to the boundary，and tri ed to launch a booming kick out of the danger zone of our forward line．But The Bont was right there， and with an athletic leap and full deployment of $t$ hose＂go－go－gadget＂arms，spoilt the kick and forc ed it out of bounds．$⿴$＇Spud＇looked crestfallen． And The Bont＇s reaction，visible only to us facing the two players，was a sight to behold．There was jubilation，and a full and utter appreciation of e verything the moment meant．And there was a touc $h$ of that facial expression，the one that generati ons of mothers have threatened to wipe off their hildren＇s faces．A A smirk．A And among all the su blime and audacious things The Bont did that day，

Writing Style $=0.91$
．8．Meanwhile，the 10 most successful non－Big S ix clubs of these five seasons（according to avera ge points won per match）included the direct，vert ical and 43\％possession Leicester squad that wor he league in 2016；the 2018－19 Wolves squad that had $46 \%$ possession，played bend－don＇t－break defens e and allowed almost no clean shots on goal；and t he definitively old－school 2017－18 Burnley team th at enjoyed 43\％possession，threw bodies in front 0 f every opposing shot and attempted mostly forward passes，take－ons and crosses on orfense．Possess ion has primaris been the favorite stactic，not the underdog＇s．But that has not been the story $1 n$
$2019-20 . ~ 1$ ．There are a few identity crises with in the Big Six．I have mostly spoken in this piece about the six．richest clubs as a monolith this piece about the six richest clubs as a monolith，deployi ix spots in the ix spots in the table among themselves．That，of c
ourse，is not how things have played out，especial ourse，is not how things have played out，especial ly since Guardiola＇s second season．The 2017－18 an

## Facts \＆Trivia $=1.33$

Liquipedia is an online encyclopedia for all things video games．It is a user－generated resourc ethat was started in 2002 by Matt＂Drunken F001＂ clento and Greg＂IdrA＂Fields．The site has a dedi $n$ on games ， n on games，game mechanics，and other topics．Liqu ipedia also has an extensive database of video gam e articles，which can be searched by game title，p
ublisher，or developer． Liquipedia is an online ublisher，or developer．AL Liquipedia is an online encyclopedia for all things video games．It＇s a co
morehensive resource for gamers that offers in－dep mprehensive resource for gamers that offers in－dep th articles on every major game system and video $g$ ame genre．Whether you＇re a casual player looking to learn more about your favorite games or an expe pedia has you covered．$\Omega$ Liquipedia is an online e ncyclopedia that covers all video games，from the ncyclopedia that covers all video games，from the
most popular to the obscure．It has a comprehensiv most popular to the obscure．It has a comprehensiv
e database of game information，and is constantly e database of game information，and is constantiy ia is a great resource for gamers who want to know

Educational Value $=0.69$
$\ldots$ ier in the half－marathon at Rock＇$n$＇Roll Phil adelphia in 1：04：37．He returned to Flagstaff unti
1 December，and then returned home to Bowling Gree 1 December，and then returned home to Bowling Gree And，he said，it solidified his plan to stick to onger distances．Based on his 10k PR in college，E onger distances．Based on his 10 k PR in college，E
aton said he knew he didn＇t have the＂wheels＂－th aton said he knew he didn＇t have the＂wheels＂－th
e top－end speed－to compete at the national level e top－end speed－to compete at the national level full marathons would be the way to go if I ever wa nted to have a shot at making a world championship or Olympic team，＂he said．He was right．In 2012 he ran on the U．S．team for the IAAF World Half－Ma rathon Championships in Bulgaria．AFollowing the 2012 trials，Eaton struggled at the full marathon distance for a couple of years．A Later that year Eaton found himself struggling in the later miles again at Twin Cities，dropping out around mile 17. as Michael Eaton after winning the 2014 Monumental Marathon．\＆In November 2014，Eaton won the Monume

## Required Expertise $=0.09$

sarrival in the Welsh capital and then Maeter linck＇s honour led to an unknown Cardiff City supp orter deciding to call the team，resplendent in th er blue strip，＇The Blue Birds＇．Gradually，it em erged as the favoured nickname before being adopte $d$ officially by the club．$\&$ At the time Cardiff Ci ty appeared in their first FA Cup final in 1925 an d took the FA Cup out of England for the first and only time in 1927 the club sported the coat of arm s of the city as their emblem．These arms were gra rs a red dragon，the national symbol of arms bea dragon symbol has been in practically continuous se since the Romans brought it to Britain．When Ro me withdrew her troops the dragon remained as the symbol of authority and unity among the Romanized Britons and became their standard in the wars agai nst the invading Angles and Saxons．It was from th is emblem the war－leader would take the name Pendr agon，and would particularly be associated with th e semi－mythical King Arthur．To this day the red d

Table 23．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 8 （ $\mathbf{5 . 2 \%}$ ）said，like，just，man，time，did，didn，know，got，day．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5th percentile | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style $=-0.91$ | Writing Style $=0.20$ | Writing Style $=1$. |
| at the dock＂－I said it did open certain place $s$ at the dock－he said it was the key of the room $h$ e hired of a publican in Old Gravel－lane，and the room was at No．3，Johnson－street－I said，＂Am I to <br> 3，Johnson－street？＂－he said it was－I said，＂You shall have fair play＂－I then went to №．3，Johnso $n$－street，and found the key fitted the garret door lock－I said to Clark，＂When I asked you on Friday where you got the key，you told me you did not kno w＂－he said，＂Yes，I was so confused，I did not kno top of the warehouse－I saw the foreman pick up som e lucifers under the lantern near Tent－street－here are some lucifers produced by Swingland and by Jud ge－they all appear to be of the same description－t e police－court－this is a piece of cord I found on the head of one of the hogsheads of tobacco under the lantern．$A$ Cross－examined by MR．WILKINS．Q．A re you at all acquainted with the process of makin | urse，in the meantime，everybody knew what had happened．Everybody knew that I got lost in the fo rest．Everybody knew that I had to be helicoptered out．They found it generally quite amusing，mostly made fun of me．There wasn＇t a lot of sympathy．Pe ople around me thought，＂Listen，you should have $k$ nown better，and you didn＇t．Too bad for you，＂whi ch really isn＇t wrong．a People in this very smal 1 community，including my very good friends，were Swiss ski instructors，which is an extremely hard profession to obtain，triathletes，really serious outdoors people．The idea that this North American bikes into the forest and can＇t find her way out． They were not sympathetic really at all．My friend s did find the situation funny．And I did，too．So did find the situation funny．And I did，too．So there was really a sense of embarrassment．All $t$ he same emotions that I had felt sitting in that s helter，I felt again afterward because I thought， ＂Oh，what＇ my defense to this？＂Then，I received a bill in the mail，and the bill was from the very nice folks who had arrived with the helicopter．It | ymanski and Caroline scouted out the pens and quickly found the two fillies Caroline had on her list，but the colt was on the northern side of the Island，which meant Caroline wouldn＇t have a chanc e to see him until the northern herd was rounded u $p$ and put in the pens on the southern side to awai t the much anticipated swim．When Caroline finally saw the colt，it was love at first sight．\＆The da y before the swim，Caroline was at the pens to see what foals would be tagged as＂buybacks＂（foals th at are returned to the island to replenish the her ds）．Caroline had been told only fillies（female f oals）would be kept as there were too many stallio ns on the island already．As she looked over the p she was considering bore the red tag of a buyback． She was glad her number one pick was a colt and th at she would at least have a shot at bidding on hi m ．Just as that thought went through her mind，her phone went off．It was one of the Feather Fund gir ls calling to tell Caroline the colt the she had $f$ |

## Facts \＆Trivia $=-1.45$ <br> ．．ologise，grovel，whatever it takes．＂$\leadsto$ Jason＇s stern gaze pierced her soul．＂It must be sincere o $r$ he won＇t accept it．＂He leaned back in the chair he won＇t accept it．＂He leaned back in the chair crossing his arms，appearing extremely forbiddin ，crossing his arms，appearing extremely forbiddin believe me．I promise．＂She assured him．＂I have also summoned Anna and Karen via email to be at my office at 9 o＇clock sharp．I intend giving them bo th a severe verbal warning and a disciplinary on $t$ th a severe verbal warning and a disciplinary on $t$ heir record．＂ 4 He noted Alicia＇s satisfied expres heir record．＂He noted Alicia＇s satisfied expres sion．A＂However，I will be asking you to join us sion．＂However，I will be asking you to join us at 9.30 to apologise for what you did to them．＂ at 9.30 to apologise for what you did to them． Her mouth dropped open and she gasped．＂No，Jason， Her mouth dropped open and she gasped．No，Jason， don＇t make me do that，please．＂She pleaded with h Alicia．You don＇t want to fuel their accusations with favouritism，do you？And I expect you to reim burse Anna for her tyres．They need to know that y ou have been punished for your part in this fiasco He was adamant and she knew better than to a

## Educational Value $=-1.63$

$\therefore$ r，run along to fetch me some clothes．$\because 』$ That shut him up even if he remained facing her．＂Xfine wfikagdolpa？＂He spoke to her in a guttural tongue
that sent shivers dancing along her skin． nored how his voice affected her and concentrated on the fact she didn＇t understand a damned thing he said．＂I don＇t know what the hell you just said ，so do you want to try again in English instead o f whatever alien language you＇re using．＂＂She tappe d a bare foot as she glared at him imperiously－nak ed or not，she refused to show fear even if inside she quivered at the situation．a He snarled some foreign words before throwing something at her and stalking out of the room．Fabric hit her as she wa tched in stunned amazement how the previously unse en door just slid across the opening，leaving the wall seamless again．AUnsure of when the annoyed alien freak would return，she scrambled to get int 6 the clothes，his she surmised judging by the siz e and style：a white tunic shirt that hung to her knees and pants that hugged her rounded ass but we
equired Expertise $=-1.65$
ew one of them，my friend Megs．The other peop e were her friends she＇d met in Hong Kong．Two of the girls were visiting from Australia．Another wa
s a native Utahn who brought her husband along to the dinner－they were newlyweds．Eventually，the conversation turned to the subject of marriage and the two at the table who had any say in it spoke $p$ ．The husband was several years younger than his wife，something that surprised me because of how o ften a few of my guy friends would reiterate the act that they would never date an older woman． he went on to explain he might have had a guess bu t he didn＇t really know until he had already falle n for her．$』$ So I guess that＇s how you do it．If y ou want to snag a younger man，don＇t tell him your age．Okay，fast forward a number of months． $m$ on a blind date with this guys that my younger $b$ rother set me up with．They told me that he was yo unger than me，but didn＇t tell me by how much．Whe that he was at least older than that judging by th

Facts \＆Trivia $=-0.65$
．．．nce McMahon wouldn＇t allow it until he got int
0 an angle with Jerry Lawler，which led to him bei ng at the announcers table．$』$＂［Vince］didn＇t wan t me to talk，＂Taz revealed．＂I didn＇t get on the nic and believe me，I had some pretty good promo $u$ can，survive if I let you＇and he didn＇t care e can，survive if of wanted to re－brand me．And they don＇t to 11 you that．You kind of have to figure that out o your own．So fast forward a little bit，maybe a year or so，year and a half，I got into an angle w year or so，year and a half，I got into an angle w
ith JR［Jim Ross］and that was at the Garden where ith JR［Jim Ross］and that was at the Garden where I got verbal with JR and cut a promo on JR．Then $t$ hey had Jerry Lawler punch me and he knocks me on me and king get into this angle for a couple weeks Well，that angle is what put me at the announce Well，that angle is what put me at the announce ackDown，or something like that，and I sat next to Michael Cole．I was supposed to sit there for a se ment and then Jerry Lawler was supposed to attack

Educational Value $=-0.80$
．．more fishy goodness from that red bucket in fr
hit of me．$\Omega$ I fished out the second fish（see wha $t$ I did there？）and focused on making a better thr ow of it this time．I＇d noticed that the Keeper ha on would have to climb up to get them，and thus be visible to more people than he was down by the eds e of the pool．So I heaved the fish treat and mana ged to get it up a couple of levels，which was a c ouple of levels higher than the first throw－not too shabby！Pleased with myself，I pulled out th $e$ third and final fish in the bucket，and waited $w$ hile Hudson ate the one I hadn＇t botched．He seeme d to like wandering across the exhibit，making sur e no one was feeling left out，and that everyone c ould see him from where they were standing．He esp ecially wanted them to know he was eating fish，an d that he had an amazing bucket to show them after the fish were done！When Hudson came back to our e nd of the exhibit，I paused to take some pics on $m$

## Required Expertise $=-0.89$

nstructions，safe but it did linger for a few days．A I found night one and the next few nights pretty uncomfortable，but that says more about our old mattress than the Rem－Fit 400．According to th e Ts \＆Cs at Rem－Fit they recommend that you sleep allow enough time for your body to fully adjust， hich gives some comforting encourage to pursue（it ＇s worth it，honest）．We tested this mattress duri ng the summer months，too，which has been somewhat a mixed bag of temperatures but the mattress－wit $h$ its open cell memory foam which provides a degre of temperature regulation－coped perfectly．Wi h our wool duvet（cool in summer，warm in winter）， cotton mattress protector（for extending the matt ess longevity）and the window open we both slept hrough the nights，undisturbed unless it was to to 0 up my glass of water which I like to keep full $t$ my side of the bed at all times（it＇s comfort th ing）．AT To get an idea of the motion transfer I wa s paying more attention to how Joe moves around on

## Facts $\boldsymbol{\&}$ Trivia $=0.17$

but still present，heart churning．You watch he organ throb from underneath the holes in the lu ng－it＇s just begging to escape．It would be so asy to reach in and take it，and you would if it C
ould save your sister．She＇s nearly at the top of the donor waiting list．$\oplus$ Distracted you look bas the donor waiting list．』Distracted，you look bac $k$ at the black burnt rubber on the pavement leadin oup to impact．Your hands go through the motions out when everything happens nature at this point but when everything happens at this speed it＇s eas
y to get left behind，so you refocus．Saving lives is your job．AThe left side of the girl＇s face is only halfway there，almost as charred as her arm only halfway there，almost as charred as her arm， sheathed bone．When she was thrown from her seat s sheathed bone．When she was thrown from her seat s g the cement．This isn＇t anyone＇s first call；you＇ re all veterans who have seen every horror imagina ble before．Knowing when people will live or die c omes with the territory．This girl will die．She w not live long enough to see the hospital．Your

Educational Value $=-0.06$
nd he was enthralled．His workload piling up the lab，he couldn＇t pull himself away from the whale．He quickly learned that auditory stimulatio hat came in the following months wana than food．W unes as Paul played everything from the Beatles d Rolling Stones to Bach．Skana loved them all d Rowing Stones to Bach．Skana loved them all．Pa ntelligent than any other terrestrial mammal he＇d come in contact with．She was almost certainly，go ing crazy in her little pool，her calls reverberat ing and echoing off the concrete walls，with just a few humans for company．Capable of speeds up to 30 knots，Skana was resigned to swimming in slow ircles day after day．It was apparent to Paul what needed to be done：Skana needed to go home．a But when he did present his findings，a storm of contr oversy followed at the aquarium．They didn＇t want Skana to be a sentient intelligent being．They wan ted the equivalent of an aquatic dog that would do

## Required Expertise $=-0.17$

as come forward with a shocking story about ho his mother attempted to force him to be transgen der starting at the age of eight．＂I didn＇t know who I was，＂Lucas told Sausage Roll．His mother dr esulted in alienation and confusion within the poo lad．He explained the shocking story about how $t$ he LGBT abuse started in his life． et online on some，now defunct，dating website．My father is an Australian labour worker and my mothe was working as a waitress in Los Angeles，Califo rnia，at the time，＂Lucas wrote in an email．$』$＂I grew up and went to school in Australia and everyt hing was quite normal．I had a few friend and we＇d hang out and play video－games or just mess around at the local part，＂he added．alucas＇childhood was normal until his parents split up，which is wh en his mother without a strong patriarchal figure around to keep her in check started abusing her so n by instilling transgender dogma into him．Lucas was forced to move to America，which alienated him

Writing Style $=1.81$


#### Abstract

．．e lit window serves as a beacon．Someone is aw ake within the practice．Too late to be still work ing．』The light belongs to one of the offices．Dr －Bethany Brooks within it，perusing patient files and making notations here or there．Busy work．To keep her awake and to stave off the blood filled d reams that have haunted her the past few evenings． ${ }^{4}$ Slience in the darkness is easy for one that liv l nights now，Marius has stood in the shar severa anights those walls，both on the lower level and above．si nce he＇s learned where it is she works，and appare ntly resides．Aften spending time alone in the e ntly resides．Af often spending time alone in the vening is a good wave the the the bs do not The familiar squeaky creak of the knob is heard The light in the office snuffed as she is heard．The light in the office snuffed as she w other noises，None appear to be forthcoming Gat hering her robe from the chair Bethany situates it


## Facts \＆Trivia $=1.13$

ay around the lavacombs．The sewage system＇s 1 k of life had her thoroughly confused．Even back home，where there was technology aplenty，the unde rground waterways were flooded，not just with wast ，bons provided the perfect nesting grounds for par ions provided the perfect nesting grounds for para uses，slimes，gorches，and other incarnations of $f$ ty，devoid of both excrement and the life it attra ty，devoid of both excrement and the life it attra the moment it reached the pipe＇s bottom．The envir onment served as the perfect disposal system，so ong as the people inhabiting it didn＇t mind the co nstant threat of a society－ending eruption．The pi pes，the vessels used to transport the borroks＇ ste，could just as easily serve to carry magma up into the city．as Staring at the plumbing，the half breed wandered around until she stumbled across a landmark．She realised，as she neared the lava cha mber＇s center，that not all the tubes were open．T ones directly above the largest pit were shut

Educational Value $=0.82$
as she didn＇t have the energy for anything els e．Play：W made beds for her toy dogs out of sho e boxes，using all the face cloths，napkins and to wels in the house for bedding．A She also played $w$ ith her magnetic pop－up toys a lot，then later pla yed independently with her dolls and cars，getting them set up for a journey and working out a compli ed over a few days．arding who sat where．This last ed over a few days．A Board Games：My stepdaughter
D（8）had a new board game－Chinese Chequers．W e all played it and W picked up the rules quickly and followed them well．She even figured out skilf ul moves．A Politics：General conversations with W this week have covered：the law around sending chi this week have covered：the law around sending chi
ldren to school，children＇s rights in relation to thren to school，children＇s rights in relation to
this，Donald Trump and his wall，who pays for the Queen＇s palaces，gay rights，racism in America，gu n control in America，and women＇s rights．All of t hese conversations were instigated by W ，who appea rs at this stage to have a keen interest in politi

## Required Expertise $=0.53$

sentence is our introduction to The Crooked $M$ an，and it warrants examination，for it contains a very singular point of interest．A Notice that Wat son tells us that the day in question occurred a f ew months after his marriage．We have commented on cases in the months following Watson＇s marriage，a nd yet，it begs repeating，for it really is quite suggestive．Recall that Watson，according to Barin g －Gould，married Mary Morstan on May 1，1889．Acco rding to Baring－Gould，the following cases took pl ace＇a few months after Watson＇s marriage：\＆The B OScombe Valley Mystery $\begin{aligned} & \text { The Stockbroker＇s Clerk } \\ & \text { The Naval Treaty }\end{aligned}$ The Cardboard Box The Enginee r＇s Thumb $\Perp$ And this is limited to using Baring－Go uld＇s dates．If we assume Mary to be Watson＇s firs t （and possibly only）wife，then we must also acco unt for the cases Baring－Gould dated during Watson ＇s supposed first marriage．In fact，were we to co unt the number of cases Watson＇s sets some few mon ths after his marriage，I expect we would be quite

Table 24．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 9 （4．6\％）water，energy，climate，species，oil，plant，gas，plants，earth．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-1.25$ | Writing Style $=-0.24$ | Writing Style $=0.60$ | Writing Style $=1.40$ |
| that are open year－round to fishing．$』 2$ ．Cond itions A2，A6，A7，A9 through A14，A16，A17，B1，a nd B5 apply．』3．Anglers must keep boat travel at idle speed，and they must not create a wake when m oving．a 4．We prohibit limb lines，jug fishing， rotlines，snag lines，and hand grappling in Ross B ranch，Bluff，and Loakfoma Lakes as well as areas within 100 yards of refuge water and transportatio n structures．$\& 5$ ．When left unattended，anglers $m$ ust tag fishing gear with their name，address，andphone number．Anglers must check all gear within 2 4 hours each day or remove these devices．$a 6$ ．Tro tlining：$』 1$ ．Anglers must label each end of the $t$ rotline floats with the owner＇s name，address，and phone number．$A$ ii．We limit trotlines to one line per person，and we allow no more than two trotline s per boat．$\AA$ iii．Anglers must tend all trotlines every 24 hours and remove them when not in use．a iv．Trotlines must possess at least 6 －inch（ $15.2-\mathrm{c}$entimeter）cotton string leads．$A$ ．Jug fishing： <br> }{} | licants under the Wildlife Carers Assistance $G$ rants have now been announced．AA total of 43 rec ipients have been successful in applying for nearl y $\$ 130,000$ in grant funding for projects which ben efit Queensland＇s wildlife carers．See details of the successful projects（PDF， 472 KB ）．al More inf ormation regarding the Community Sustainability AC tion grants－Wildlife Carers Assistance Grants ca $n$ be found in the Community Sustainability Action grants－Wildlife Carers Assistance Grants program guidelines（PDF， 241 KB ）\＆Round 4 －Heritage Cons ervation a Successful applicants under Roanability itage Conservation of the Community Sustainab Action grants have now been announced．a A total of 23 recipients have been successful in applying for nearly $\$ 960,000$ in grant funding for heritage conservation projects．See details of the successf ul projects． unity Sustainability information regarding the Conm vation can be found in the Round 4 －Heritage Conser vation guidelines（PDF，1，015 KB）a Round 3－Pro | th extinction．$₫$ This year，the motto of the i nternational day，promoted by the United Nations onvention on Biodiversity is＂We are part of the s olution＂．a Paulo Lucas points out that there is＂ insufficient knowledge about natural values＂in Po rtugal and that the creation of protected areas an d Natura 2000 zones was carried out without a refe rence register of species and their conservation s tatus．＂If we don＇t know where things are and wh at＇s at risk，there＇s no point in having major con servation policies．We prefer to delimit Natura Ne twork sites，for example，in a very comprehensive way，but many hectares，in the middle of these sit es，have nothing＂，he said．\＆The environmentalist complains of the lack of attention paid by local a uthorities to the defence of biodiversity．A＂What interests them are footbridges，festivals，pedestr ian trails that＇value＇，in inverted commas，but t hese things are engines of destruction，taking peo ple to places where they shouldn＇t be＂，he critici sed，indicating that this type of initiative gener | ay to the fullest．\＆Japan＇s No． 1 Rice Belt In 1948，the Kurinoki Drainage Pumping Station－Asi a＇s largest pumping station at the time－was comple ted in Niigata．Once the station began operation， Kameda＇s drowned paddies were transformed into dry fields，and farms throughout the region flourished nd Agano Rivers，Kameda is a broad strip of beauti ful rice fields located near the heart of Niigata City，one of Japan＇s premier rice－growing regions． $A$ Kamedajima and the Town of Kameda $₫$ The producti on of the cotton textiles that would later evolve into Kamedajima fabric is thought to have begun in 1696，during the Edo period．a The Kameda area was the northern limit of Japanese cotton，and farmers in local villages began to use the winter months $t$ e town of Kameda was born on reclaimed land in the Nakayachi－shinden area，which had been chosen as $t$ he site for a rokusai market（a market held six ti mes a month）．A The area had deep waters ill－suite |


|  | Facts \＆Trivia $=0.56$ |
| :---: | :---: |
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| achieved unusual competitive success in the life s ciences industry or biotechnology．Cato discusses the plant in his treatises buy drug carisoprodol o nline legally from canada on agriculture，and a mu ral in Pompeii shows the plant．In the Baroque era ，generic soma 500 mg performers improvised ornamen ts and basso continuo keyboard players improvised chord voicings based on figured bass notation．Sha ne Helms，having known him since the early 1990s． They are also able to cross into the blood－brain b arrier into the cerebrospinal fluid．When antiretr oviral drugs are used improperly，multi－drug resis tant strains can become the dominant genotypes whe re to buy soma in hanoi very rapidly．Seeing she i s upset，Nicky offers her sympathy，and she jokes that she did consider her suggestion to have sex， before ultimately deciding against it．In these ca ses，the bites produced a range of symptoms commonto many members of the genus Loxosceles known as 1 oxoscelism，which may be cutaneous and viscerocuta |  |
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|  | ational com |
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|  | he result of $』$ Dynamical response of Mediterranean precipitation to greenhouse gases and aerosols $₫ T$ |
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|  | greenhouse gases affect cloud prop |
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|  | bservations show that precipitation has decreased |
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|  | many studies have in |
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|  | largely unknown．Here we compare the modeled d |
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| E | Educational Value $=0.37$ |
| :---: | :---: |
| Best space pictures of January $2019 \leadsto$ Best s pace pictures of January $2019-\star$ ：Blast offs an d bubbly：The year in space， $2018 \&$ Blast offs and bubbly：The year in space， $2018-\mu:$ Astronomers May Have Just Discovered Our Sun＇s Long－Lost Ident ical Twin 』Astronomers May Have Just Discovered 0 ur Sun＇s Long－Lost Identical Twin－a ：．Astronome rs may have just spotted a＇super Earth，＇and it＇s not far away $屮$ Astronomers may have just spotted a ＇super Earth，＇and it＇s not far away－a ：China is about to visit uncharted territory on the moon $\Perp$ China is about to visit uncharted territory on $t$ he moon－$\therefore$ Our moon is the hottest property in the solar system right now $』$ Our moon is the hotte st property in the solar system right now－$\leftrightarrows$ ：S cientific shouting match erupts over whether＇Oumu amua was an alien spacecraft $\leftrightarrows$ Scientific shouting match erupts over whether＇Oumuamua was an alien s pacecraft－$\because$ ：Harvard Astronomers Suggest Myste rious Space Object Could Be Alien Craft $』$ Harvard Astronomers Suggest Mysterious Space Object Could | vement in this particular terrain．Perhaps the lion has evolved a distinct montane version，speci fically adapted for success in this very different habitat from the lion＇s more typical savannah home <br> $\leftrightarrow$ Supporting this possibility is the apparent ex istence of comparable mystery cats in other mounta in ranges in East and Central Africa．Here they ar e referred to variously as the ntarargo（in Uganda ），ikimizi（in Rwanda），bung bung（Cameroon），and abasambo（Ethiopia）．a WINGED CATS $₫$ The concept 0 f domestic cats with wings would normally be confi ned to fantasy books and＇silly season＇tabloid st ories，were it not for the remarkable fact that su ch creatures are unquestionably real．As the world ＇s leading investigator of winged cats，I have rev ealed and documented dozens of verified cases from around the world．One of the earliest，and still a mong the most famous，cases was that of a kitten $f$ rom Wiveliscombe in Somerset，which was photograph ed in the Strand Magazine in November 1899，clearl y revealing a pair of large fluffy wing－like exten |

．ften colonies of up to half a dozen squat urch in shrimp of varying sizes will all share the same urchin．Beyond its circumtropical distribution and
perfect camouflage，the squat urchin shrimp furth er demonstrates its successfulness by feeding upon the epidermal tissue of the very spines that grant it protection．This is a relatively benign form of parasitism that doesn＇t seem to bother the urchin． These shrimp will also feed opportunistically upon detritus that the urchin picks up as it moves alon $g$ the sea floor．The squat urchin shrimp is a crea ture that has found a near perfect niche in a trul y self－sustaining，self－contained world of spines． ZEOvit has just released the latest in their Dre am Tank of the Quarter Series．Yoon Yeo Kwang＇s 10
6 gallon tank displays beautiful colors，and diver sity．Check out the tank details and info below． Please join us on Sat June 19， 2010 from 4：00 pm il ？？？？for the BRK／WAMAS Social event！！』John ha s been a great sponsor and supporter of the club a nd its members，donating to meetings and benefits

Required Expertise $=-0.08$
n other areas．These factors play an important role by influencing the type of plants and animals limate of a place．$\ddagger$ Studying weather characteris ics of a given place over along period of time（us ually 30 to 40 years）enables the climatic conditi ons of that place to be established．Therefore，we ather can be used as a basis for determining the $c$ limate of a given place．Weather determines the kind of clothing to be worn by people in an area． Certain weather patterns can also cause dangero s storms and natural disasters．We tend to be acut ely aware of the weather when we are faced with ex ceptional or dangerous phenomena that could endang er our property，safety or even lives．Such phenom ena are，for example，strong winds，hail，heavy ra infall，sleet，ice and frost．a Good weather encou rages enjoyment $\oplus$ Weather and Human activities $』 M$ ost human activities affected by weather that is xperienced at a place．For example，when the rains are heavy，flooding occurs and causes damage to cr

Facts \＆Trivia $=1.46$
．．racterized and most climate change projections conditions are likely to be different fron future condition are like the ge of conditions experienced in the past．The Time of Emergence analysis is designed to facilitate th
is understanding． is understanding．Results provided here help ind cientific terms，that may warrant further investig cientific terms，that may warrant further investig onse actions．Time of Emergence analysis identif ies，in relative terms，which climate conditions re projected to change first and where．This infor e projected to change first and where．This infor ices，or planning decisions may warrant adjustment in response to a changing climate，where，and when $』$ The identified locations or variables of conce in to operators and managers mapped using this too could be combined with information on local sens itivities，design standards or critical thresholds to provide an indication of the potential timefram for the effects of climate change to become noti

## Educational Value $=1.20$

company to build．Can you talk a little bit ab out that process and how it works？Yeah，absolut ely．To be honest，those outcomes are really well－ defined，but they＇re constantly in flux．So I can tell you what we think are the most important thin gs now，but they constantly change in terms of rel ative importance and relative confidence．a So ins ide of this idea of net－zero transition for us，th ere are sort of five key requirements that we＇re c
urrently working on．One is that we need to remedi urrently working on．One is that we need to remed ate historical emissions．Another is that we need
to reduce the emissions going into the future．A t hird is that we need to find a way of eliminating the sunk cost in the oil and gas industry and maki ng it easy for that huge wealth of assets to move ng it easy for that huge wealth of assets to move e work so the financial sector，is such that we se huge influxes of capital into the space．And a f ifth is that we need to generate energy and create energy systems that are capable of holding renewab

## Required Expertise $=0.77$

ground into powder，mixed with water until foa ny，and then stirred with gold or silver spoons un
til drunk．This was an especially common recipe in Mesoamerica．The entry then declares that this dri nk is the＂most wholesome and substantial of any $f$ ood or beverage in the world．．whoever drinks a cup of this liquor can go thru a whole day without tak ing anything else even if on a cross country journ ey＂（ $C$－Spot）．This account clearly relates cacao＇s function as a hearty beverage with a substantial a mount of nutritional value．However，the function of cacao changes in the 1580s when it contributes to the humoral theory of medicine in that its＂hot nature combats poison，alleviates intestinal dis comfort，and cures a variety of other ailments（Co e 122）．This functional form sticks with chocolate lly leads to Eurere its increasing demand eventua that operate to ensure a steady supply of cacao fo the European elite．In fact，the elite were so $f$ loored by chocolate that in 1657 the first chocola

Facts \＆Trivia $=2.29$
deed their chance discovery launched quite $a \mathrm{~b}$ andwagon．The iridium－rich layer also included gla ss spherules，shocked mineral grains，soot and oth er carbon molecules－nano－scale diamonds，nanotube and fullerenes whose structure is akin to a geod esic dome－and other geochemical anomalies．Becau se the Chicxulub crater off the Yucatán Peninsula of Mexico is exactly the right age and big enough to warrant a role in the K － Pg extinction，these 11 nes of evidence have been widely adopted as the fo
rensic smoking gun for other impacts．In the last rensic smoking gun for other impacts．In the last 37 years every extinction event horizon has been S
crutinized to seek such an extraterrestrial connec tion，with some success，except for exactly coinci tion，with some success，except for exactly coinci
dent big craters．A The K－Pg event is the only one that shows a clear temporal connection with a smal that shows a clear temporal connection with a smal
1 mountain falling out of the sky，most of the oth ers seeming to link with flood basalt events and $t$ heir roughly cyclical frequency－but hence Rampin o＇s Shiva hypothesis that impacts may have caused the launch of mantle plumes from the core－mantle b

Educational Value $=1.98$
．．synthetic supplements should never be a part o f a healthy child＇s diet．©The variety of fruits is endless！Include all fruits such as apples，apr
icots，bananas，berries，grapes，melons，cherries， coconut，figs，kiwis，mangoes，mulberries，nectari coconut，figs，kiwis，mangoes，mulberries，nectari
nes，oranges，papayas，peaches，pears，pineapple， nes，oranges，papayas，peaches，pears，pineapple， watermelon，etc．A Also include dried or freeze－dr
ied fruits for treats．$』$ Purchase fruits organical led fruits for treats．Aurchase fruits organical
ly grown if possible．All veggies such as tomato es，bok choy，broccoli，cabbage，carrots，cauliflo es，bok choy，broccoli，cabbage，carrots，cauliflo wer，celery，collard greens，cucumber，eggplant，$p$
otatoes，pumpkin，scallions and onions，root veggi es，summer and winter squash，yams，etc．Raw，li es，summer and winter squash，yams，etc．$₫$ Raw，li
ghtly steamed or boiled，or sautéed with a small a ghtly steamed or boiled，or sauteed with a small a
mount of unrefined，cold pressed oil or butter． Purchase veggies organically grown if possible． All legumes such as beans（e．g．azuki beans，chick peas，black beans，pinto beans），peas，and lentils ．Legumes especially contain a more complete set o f amino acids（protein building blocks）than many plant foods．To increase their digestibili

Required Expertise $=1.52$
$\mathrm{s} \leadsto 6$ ：Match to data：corresponds to the $\sim 5 \mathrm{mi}$ crogauss Opher＇s team has reported in Nature．\＆Ar a The fact that the Fluff is strongly magnetized eans that other clouds in the galactic neighborhoo d could be，too．Eventually，the solar system will run into some of them，and their strong magnetic $f$ ields could compress the heliosphere even more tha n it is compressed now．Additional compression cou ld allow more cosmic rays to reach the inner solar system，possibly affecting terrestrial climate and the ability of astronauts to travel safely through space．$₫$ This doomsday scenario is presented as th e only possibility．This thought－line is based on an assumed understanding of these materials that t hey refer to as＂Fluff．＂Please re－acknowledge tha t this article explicitly states that neither Voya ger 1 nor Voyager 2 has yet come in contact with $t$ his＇fluff．＇$\oplus$ The assumption also seems to be tha $t$ the magnetism that has been recorded is an innat e aspect of the cloud．But，let us remember that $t$

Table 25．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 10 （ $\mathbf{4 . 4 \%}$ ）patients，health，treatment，disease，patient，study，medical．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percent | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style $=-1.28$ | Writing Style $=\mathbf{- 0 . 4 2}$ | Writing Style $=0.31$ |
| d from Saururus chinensis Baill，and the use $t$ hereof for skin whitening．More particularly，disc losed are an external composition for skin，which contains，as an active ingredient，manassantin B， which inhibits the transfer of melanosomes，thus p roviding a skin－whitening effect without influenci ng the melanin synthesis function of the melanocyt es，ad well as the use thereof for skin whitening $\Perp$ Applicant：Amorepacific Corporation 』 Inventors． Hui Kyoung Chang，Dae Gun Kim，Myeong Hoon Yeom，H yun Jung Choi，Kyung Mi Joo，Jae Sung Hwang，Soo i Ahn a Inhibitors of papilloma virus Abstract： A compound of formula（I）or its enantiomers or di astereoisomers thereof：wherein：A，；X，W，R1，Y； R3；and R4 are as defined herein．The compounds of the invention may be used as inhibitors of the pap illoma virus E1－E2－DNA complex．The invention furt her provides a method of treating or preventing hu man papilloma virus infection．$\uparrow$ Assignee：Boehrin ger Ingelheim Canada Ltd．a Inventors：Christiane Yoakim，Bruno Hache，William W．Ogilvie，Jeffrey 0 | 1 and Fronterre，Claudio and Hagmann，Cornelia and Kulkarni，Abhaya and Senthil Kumar，M and Mago mbe，Joshua and Mbabazi－Kabachelor，Edith and Mort on，Sarah and Movassagh，Mercedeh and Mugamba，Joh n and Mulondo，Ronald and Muwanguzi，Abraham and N atukwatsa，Davis and Kaaya，Brian Nsubuga and 0lup ot－Olupot，Peter and Onen，Justin and Sheldon，Kat hryn and Smith，Jasmine and Ssentongo，Paddy and S senyonga，Peter and Warf，Benjamin and Wegoye，Emm anuel and Zhang，Lijun and Broach，James and Kiwan uka Julius and Paulson，Joseph and Schiff，Steven （2022）1328．Paenibacillosis：An Emerging Cause of Neonatal Sepsis and Postinfectious Hydrocephalus Open Forum Infectious Diseases， 9 （Supple）．ISSN 2 328－8957 Official URL：https：／／doi．org／10．1093／0 fid／ofac492．1158 Background The etiology of neon atal sepsis is often not identified．Molecular met hods miss．Most cases of neonatal sepsis globally are treated empirically per WHO guidelines with in travenous ampicillin and gentamicin，which may not | wspapers and more also on television，the way young people watch and consume media has fundament ally changed，＂said Robin Koval，CEO and president of the Truth Initiative，a nonprofit tobacco contr ol organization．\＆For instance，only about 5\％of 18－to 29－year－old Americans often get news from eading print newspapers，according to a Pew Resear ch Center survey conducted last year．\＃＂They＇re all watching Youtube and social media and all the many，many other video channels that exist that，f rankly，weren＇t even around when the judge origina lly ruled，＂Koval said．＂So this won＇t be the best vehicle to reach the youngest people who，of cours e Bis Tobacco sees as their replacenent smokers．＂ e，Big Tobacco sees as their replacement smokers．＂ a The＂corrective statements＂serve as the end of ＂a particular battle that went on for way too long ，＂she said，but the tobacco industry continues to oppose tax increases，opposes using graphic images as warnings and opposes banning the sale of mentho 1 cigarettes；flavored tobacco is thought to be mo |

## Facts \＆Trivia $=-0.82$

．．live and you can join online from home．\＆Mon te Sahaja is in a hilly rural area，and many areas are only accessible via stairs so unfortunately it is not easily accessible by wheelchair．a Is Satsa
ng suitable for someone with a mental health or ps ng suitable for someone with a mental health or ps
ychiatric disorder？If you are currently receivi ychiatric disorder？al If you are currently receivi ng or have previously received any medical treatme an environment of deep contemplation or introspect ion（such as a concentrated Satsang environment） ion（such as a concentrated Satsang environment）m dical or other mental health clinician whether bei ng in such an environment is suitable for you at his time．When and why might Satsang not be suit is time．Those experiencing psychiatric conditions， or other unusually strong emotional upheavals migh t not benefit from a concentrated Satsang environ ent．Occasionally，being in such an environment ca n adversely affect pre－existing mental health cond tions．It may bring up latent trammatic imprints itions．It may bring up latent traumatic imprints
or deep－rooted tendencies in the body－mind，which

## Educational Value $=-0.58$

－rotease．The chemical name of amprenavir is（3 S）－tetrahydro－3－furyl N －［（1S，2R）－3－（4－amino－ N －i iso utylbenzenesulfonamido）－1－benzyl－2－hydroxypropyl］c the（ 3 S ）（ $1 \mathrm{~S}, 2 \mathrm{R}$ ）configuration．It has a molecular the（3S）（1S，2R）configuration．It has a molecular
formula of C25H35N306S and a molecular weight of 5 05．64．It has the following structural formula：Am 05．64．It has the following structural formula：Am
prenavir is a white to cream－colored solid with a solubility of approximately $0.04 \mathrm{mg} / \mathrm{mL}$ in water at $25^{\circ} \mathrm{C}$ ．AGENERASE Oral Solution（amprenavir oral sol ution）is for oral administration．One milliliter $(1 \mathrm{~mL})$ of AGENERASE Oral Solution contains 15 mg $f$ amprenavir in solution and the inactive ingredie nts acesulfame potassium，artificial grape bubbleg nts acesulfame potassium，artificial grape bubbleg eryl polyethylene glycol 1000 succinate（TPGS），me erhol，natural peppermint flavor，polyethylene gly col 400 （PEG 400）（ 170 mg ），propylene glycol（ 550 mg ），saccharin sodium，sodium chloride，and sodium mg ），saccharin sodium，sodium chloride，and sodium
citrate（dihydrate）．Solutions of sodium hydroxide Required Expertise $=-0.72$
s，What do you like to fill your day with？＂sa ys Ryerson Stinson，an occupational therapist and bilitation Network clinic in Columbia，Maryland． That answer could be completely different person 0 person．And that＇s where we＇ll build from．＂$\ddagger \mathrm{Ge}$ $t$ fitness tips from other people who have RA－and share yours，too－on Tippi！\＆How to Stay Active at Home $\omega$ With a little creativity，you can remai n active at home．Check out these ideas that might inspire you to move in new and different ways． Check in with an expert．Before delving into an exercise，it＇s best to make sure you know how to $m$
ove in a way that doesn＇t exacerbate your symmtoms ＂Honestly，now is a spectacular time for a tele edicine visit with an occupational therapist（OT） or certified hand therapist，＂says Stinson．＂The g oal is to have tools in your toolbox to be able to cope with your symptoms on good days and bad days What helps your RA will be different from what elps others with the disease，depending on the sta

Facts $\boldsymbol{\&}$ Trivia $=0.24$
ocial event！$\Perp$ With all this academic content t＇s important to remember that PsyKo is also very parated by plenty of breaks to and lectures are se the parated by plenty of breaks to give you the chance tune with this，the last happening of the day will be a party hosted by Psych，with the aptly named music group Express Thra，withe aptly named nusic group Express Therapy providing the entertai mening you is the d meet people！』The finaly day of the conference is less packed Workshops on Mind－Body therapy and Psychological flexibility take place in the mornin g ，and the closing lecture at 13 h 00 marks the end of and the closing lecture at 13 ho0 marks the end g you there！$₫$ Tomorrow we＇ll talk to Yara Delgado ，the mastermind behind PsyKo21，to hear her thoug ，hts on this year＇s congress．Stay tuned！a For a etailed overview of the conference program，please consult the conference booklet． PsyKo2021＿bookle tDownload \＆ALPS：The Psychedelic Renaissance 』Po

Educational Value $=0.58$
second leading cause of cancer－related death a nd is estimated to be responsible for 750,000 deat hs per year globally，with 780,000 cases newly dia gnosed each year． 1 HCC accounts for $85 \%$ to $90 \%$ of iver cancer cases．Treatment options for unresect or，making this an area of high unmet medical need －LENVIMA，a kinase inhibitor，was first approve d in the U．S．in February 2015 for patients with 1 ocally recurrent or metastatic，progressive，radio active iodine－refractory differentiated thyroid ncer（DTC）．In May 2016，LENVIMA was approved in he U．S．in combination with everolimus，for patien ts with advanced renal cell carcinoma（RCC）follow ing one prior anti－angiogenic therapy．Under the c ollaboration，Eisai and Merck \＆Co．，Inc．，Kenilwo rth N．J．，U．S．A．initiated co－commercialization ac tivities for LENVIMA in the U．S．in June 2018．Sin ce the initial launch，more than 10,000 patients $w$ ere treated with LENVIMA，which is approved in mor

## Required Expertise $=0.24$

a http：／／www．pulsetoday．co．uk／news／commissio ning－news／third－of－ccgs－have－requested－powers－to－p Mail Online $\leadsto$ Virgin boss Sir Richard Branson bids to take over cancer and end of life care in NHS pr ivatisation deal worth £1．2billion．Virgin boss Si $r$ Richard Branson is bidding to take over cancer a nd end of life care on the NHS in a privatisation deal worth more than $£ 1.2$ billion，it emerged toda $y$ ．The tycoon is looking to secure a controversial £689 million contract to provide treatment for ter minally ill patients at four NHS clinical commissi oning groups（CCGs）．It will be the first time can cer care in the NHS has ever been privatised and he move has been described as the health service＇s biggest ever outsourcing of resources．The deal wo uld see the private sector delivering all cancer nd end－of－life treatment for children and adults cross Staffordshire and Stoke on Trent．On Wednesd ay the four CCGs involved－which care for more th


#### Abstract

Facts \＆Trivia $=0.98$ ．． n for mortality（P－POSSUM）．This study involve d 153 consecutive patients aged 75 years and older who underwent elective gastric or colorectal surge ry between July 2004 and June 2006．A retrospectiv e analysis was performed on data collected prior $t$ 0 each surgery．The predicted mortality and morbid ity risks were calculated using each of the scorin s systems and were used to obtain the observed／pre dicted（ $0 / E$ ）mortality and morbidity ratios．New 1 ogistic regression equations for morbidity and mor tality were then calculated using the scores from the POSSUM system and applied retrospectively．The O／E ratio for morbidity obtained from POSSUM score was 0.23 ．The $0 / E$ ratios for mortality from the PO SSOM Score and the P－POSSUM were 0.15 and 0.38 ，re es from the PoSSUM，the $0 / E$ ratio increased to 8．Both the POSSUM and P－POSSUM over－predicted the morbidity and mortality in elective gastrointestin al surgery for malignant tumors in elderly patient s．However，if a surgical unit makes appropriate


## Educational Value $=1.37$ <br> ．］Diet plans in fitness magazines are also oft en believed to be effective，but may actually be $h$ armful by imiting the daily intake of important alo ending on the person and are even capable of drivi ng individuals away from weight loss．［44］\＆A yog a system that predated the Buddhist school is Jain yoga．But since Jain sources postdate Buddhist one s ，it is difficult to distinguish between the natu re of the early Jain school and elements derived $f$ rom other schools．［89］Most of the other contempor ary yoga systems alluded in the Upanishads and som． e Buddhist texts are lost to time．［90］［91］［note 12 ］Ascetic practices（tapas），concentration and b odily postures used by Vedic priests to conduct ya jna（sacrifice），might have been precursors to yog a．［note 9］Vratya，a group of ascetics mentioned i the Atharvaveda，emphasized on bodily postures w hich may have evolved into yogic asanas．［59］Early cs such as munis，the keśin，and vratyas．［67］

## Required Expertise $=0.99$

orrestal，Brian J．；Mandawat，Anant on，Alexander R．；Chen，Carol L．；Barac，Ana ；H ung，Judy ；Thavendiranathan，Paaladinesh ；Pica
，Michael H．；Thuny，Franck ；Ederhy，Stephane Fradley，Michael G．；Neilan，Tomas G．／Global ngitudinal Strain and Cardiac Events in Patients W ith Immune Checkpoint Inhibitor－Related Myocarditi s．In：Journal of the American College of Cardiolo gy． 2020 ；Vol．75，№．5．pp．467－478．\＆＠article \｛76b48e5708274812a42ee4208c52d8de，atitle＝＂Glob al Longitudinal Strain and Cardiac Events in Patie nts With Immune Checkpoint Inhibitor－Related Myoca ditis＂，a abstract＝＂Background：There is a need for improved methods for detection and risk strati fication of myocarditis associated with immune che ckpoint inhibitors（ICIs）．Global longitudinal str ain（GLS）is a sensitive marker of cardiac toxicit y among patients receiving standard chemotherapy． There are no data on the use of GLS in ICI myocard itis．Objectives：This study sought to evaluate th

Writing Style $=1.03$
tation for mental health problems of general h ospital patients to multidisciplinary teams having different health professionals including psychiatr ists and physicians required to work in a highly $c$ ollaborative fashion．［22］Through such integration trists and non－psychiatrist clinicians，providing trists and non－psychiatrist clinicians，providing them a rare opportunity to share knowledge，undert ake colaborsive and and a prov de comprehensive and wel1－rounded patient care． specialized training ing on $L$ psychiatry has been go ing on in several parts of the world，predominantl y the developed countries，for some years now．［22］ But more recently，NiMMANS，Bengaluru has also sta ps to psychiatry graduates．Understandably this ps to psychiatry graduates．Understandabiy，this w iatric and non－psychiatric professionals more adep iatric and non－psychiatric professionals more adep
tness in each other＇s language．\＆ith the advent of specializations，some sub－specialties which bor of specializations，some sub－specialties which bor
der between psychiatry and other disciplines have

## Facts \＆Trivia $=1.75$

ticipants fasted overnight and had a test brea kfast smoothie with 205 kcal of either MCT oil，co conut oil，or vegetable oil（control）on three sep arate days．A They found out that MCT oil showed significant in food intake compared to coconut and control oil．The control oil increased food intake compared to MCT and coconut oil．MCT oil also incr eased satiety for over 3 hours after breakfast com pared to the other two oils．The results from this study also provide evidence to the fact that pure MCT oil and coconut oil are not the same．Even a reasonably old study from 1998 supports the theory that MCT reduces food intake by increasing the fee ling of fullness for longer．A A 2008 study compa weight loss．Forty－nine men and women（aged 19－50） were divided into two groups．One group consumed 1 $8-24 \mathrm{~g}$ of MCT oil per day and the other group cons umed the same amount of olive oil as part of a wei umed the same amount of olive oil as part of a wel
ght loss program for 16 weeks．They found out that ght loss program for 16 weeks．They found out that
consumption of MCT oil had a significant reduction

Educational Value $=2.11$
．．．c－resistant bacteria，reviving the original id a number of phages in my lab，but 1926．\＆＂I have a number of phages in my lab，but none of them kil
led the antibiotic－resistant E ．coli we were worki ng on－the sequence type 131 currently pandemic a cross the globe，＂Ramig said．a Birds and dogs oft en carry the bacteria the researchers were interes en carry the bacteria the researchers were interes
ted in，and may be one environmental reservoir of these pathogens．They also carry phages specific $f$ these pathogens．They also carry phages specific f
or those bacteria．Ramig，Maresso and Sabrina Gree n ，a graduate student in the Molecular Virology Pr ogram at Baylor，went phage hunting in local parks and bird refuges to collect avian and canine feces a This good news allowed the researchers to move on to the next step－determining whether the phag es also would be able to kill the antibiotic－resis tant bacteria in an animal model of sepsis．A One of the animal models the researchers worked with mimics how cancer patients develop potentially lif e－threatening infections during their cancer trea

## Required Expertise $=1.54$

ial benefit．An unanswered additional consider ation is whether this intervention is cost－effecti ve．Autologous blood transfusion can be lifesavi ng for an exsanguinating patient，but numerous aut hors have reported worse infectious complications with increased blood utilization both in the immed iate resuscitation $61,62,63,64$ and when used in a d elayed fashion． $65,66,67$ Transfusion results in a m he following： ells；（2）overall reduced T－cell proliferation to mitogenic stimuli；（3）decreased natural killer ce 11 activity；（4）defective antigen presentation；a nd（5）impaired cell－mediated immunity． 68 The incr eased risk of infection associated with blood tran sfusion appears to be dose dependent， 67,69 and $\log$ istic regression analyses report that the risk of infection increases 13\％per unit transfused． 70 Tay red blood cells（PRBCs）transfused，the odds of de veloping a nosocomial infection were increased by

Table 26. Raw training examples selected to have quality ratings at the 5th, 30th, 70th and 95th percentile within CommonCrawl+C4 Cluster No. $11 \mathbf{( 3 . 9 \%}$ ) war, military, israel, army, world, iraq, forces, russia, iran. For each criterion, the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-1.16$ | Writing Style $=-0.17$ | Writing Style $=0.67$ | Writing Style $=1.45$ |
| wrote: "Terrorist groups have seized control o <br> f nuclear material at the sites that came out of $t$ he control of the state. $" \Perp$ If the bomb does exist militants are far more likely to use it in Syria or Iraq, rather than trying to smuggle it into a W estern country, the report said. A UN resolution Israel must renounce nuclear arms $\&$ The U.N. Gener al Assembly overwhelmingly approved an Arab-backed resolution Tuesday calling on Israel to renounce $p$ ossession of nuclear weapons and put its nuclear f acilities under international oversight. © The res 1 is the only Middle Eastern country that is not p arty to the Treaty on the Non-Proliferation of Nuc lear Weapons. It called on Israel to "accede to th at treaty without further delay, not to develop, $p$ roduce test or otherwise acquire nuclear weapons, to renounce possession of nuclear weapons" and put its nuclear facilities under the safeguard of | rockets each day, Israel finally organized an $d$ set a line, a line much stronger than an Obama $R$ ed Line, while organizing troops which one would believe might get the attention of the leaders of Hamas and Islamic Jihad and perhaps bring an end $t$ 0 the rockets. The thing is that these leaders and their top supporting leadership and friends with $t$ heir families and with their own families if they are even present as many were residing in safety i $n$ Qatar are all well protected in their undergroun d bunkers or their safest command bunker in the ba sement of the largest hospital in Gaza City. They simply increased the number of rockets guaranteein g Israeli intervention and as soon as the first ta nk shell was fired into Gaza the world and its med ia, especially in Europe, went absolutely bonkers starting the chanting of the call for the day, "Is rael is guilty of using disproportional force and had killed more in Gaza than have died in Israel." They all but asked where were the dead Jews in eve | items the German army allowed humanitarian gro ups to distribute in care packages to imprisoned s oldiers, the game was too innocent to raise suspic ion. But it was the ideal size for a top-secret es cape kit that could help spring British POWs from German war camps. $₫$ The British secret service con spired with the U.K. manufacturer to stuff a compa ss, small metal tools, such as files, and, most im portantly, a map, into cut-out compartments in the Monopoly board itself, " $₫$ The maps may have been t he key. The article also said: ""It was really e xciting," he said [Victor Watson, who helped make the maps]. Although it's impossible to know precis ely how many prisoners escaped with the help of th e hidden maps, experts estimate that about 35,000 members of the British, Commonwealth and U.S. forc es who were taken prisoner during the war returned to Allied lines before the end of the war. a "We r eckon that 10,000 used the Monopoly map," Watson s aid. " \& Should The United States Allow People To | nsfetana. This desire is evident in the polici es of Ferdinand III (1217-1252) after the conquest of Seville in the African Crusade of Alphonso $X$ th e Wise, in the treaty of Monteagudo (1291) in whic h Sancho IV (1284-1295) and James II of Aragon (12 85-1302) divided the North African territory betwe en the two Hispanic crowns, and in the confrontati on between Alfonso XI and the Marinids in the batt le of El Salado (De Bunes Ibarra 1995). This ambit ion, propelled by the struggle against North Afric an privateers, the demands of Andalusian merchants the crusade mentality and, after 1492, by the su rrender of Granada, (Braudel 1928; Hess 1978), led to the conquest of the Canary Islands (1478) and t he port city of Melilla (1497). The interest in No rth Africa is also clear in the Hieronymite miracl es of the Virgin of Guadalupe. Of the 21 conversio n miracles recorded in the four codices collection s , nine are located at the other side of the Strai t 1 and some of these stories, like the conversion |

## Facts \& Trivia $=-0.47$

. t of all about Silverman is the way in which $u$ ses her Jewish identity as a hammer with which to pound Israel. Obviously, I'm not disputing a com
edian's right to express her opinions about politi edian's right to express her opinions about politi
cal events in other countries, although I do find it curious when someone who does not seem to be pa rt of the organised Jewish community suddenly has very specific opinions on Israeli politics. $\uparrow$ Just before the 2015 Israeli elections, Silverman sent out a tweet appealing to Israelis to vote for the extreme-left Meretz Party. In 2017, she contribut d to a book called Save Israel, Stop Occupation, itterness of being oppressed-and not being in our itterness of being oppressed-and not being in our
own country. That's what makes the occupation all own country. That's what makes the occupation all
so ironic." $\&$ Stephen M. Flatow a What's ironic is that Silverman is complaining about an "occupation that Silverman is complaining about an "occupation tention that year, when Israeli Prime Minister Yit zhak Rabin withdrew Israel's forces from the areas zhak Rabin withdrew Israel 98 percent of the Palestinian Arabs live. I

## Educational Value $=-1.34$

11 rise up and no longer support all of the ca llous unthinking military adventures. Hence what ome view as the illogical funding of Al-Qaeda and
terrorists to carry out the dirty work. What wi happen when these terrorist elements begin wil alize that they have been merely disposable pawns alize that they have been merely disposable pawns
for the US and that they have been killing their for the US and that they have been killing their o
wn brothers and mothers and sisters? Of course the US has not thought of that. The backlash when Al-Q aeda and all of the motley groups of terrorists re aedize they have been killing their brethren for th e enemy will be monumental and Americans will fina lly see what real terrorism is all about, I believ that is a given. But that is okay for Washington too, they have all of the plans in place and this will allow the military industrial complex to expa nd and invade even more countries. What are a few American lives? \& What about Israel? As I have sai d in the past, in reality the United States does n t care about Israel. The maelstrom that will occu if the US strikes Syria will be monumental and

Facts $\boldsymbol{\&}$ Trivia $=0.58$
.. dle East that relies on Saudi Arabia. A Overlo king Saudi Arabia's crimes to pressure Iran bear ddam Hussein throughout the Iran-Ira balanced approach to the region is needed A more cut Moderate Forces in Tran Trumn's Iran sancti ns are likely to crush the Iranian middle class an $d$ private sector, unleashing economic desperation in the country and limiting prospects for internal moderation Iran's hardliners have bor interna ed by Trump's decision to violate the JCPOA and sital ap back sanctions, and will benefit from sanctions ap back sanctions, and will benef it from sanctions $m$ relatively unscathed. \& Trigger a Humanitarian risis in Iran $₫$ Sanctions on Iran under the Obama administration triggered shortages of key life-sa ing medicines and contributed to the impoverishmen $t$ of ordinary Iranians by depressing the economy nd increasing the cost of basic goods. Similar eff ects are already being felt from Trump's snapback. $\leftrightarrows$ The Trump administration has already targeted pr

Educational Value $=-0.34$
.. the U.S. Capitol on December 21, 2022 in Wash ington, DC. In his first known trip outside of Ukr President Joe Biden and outlined Ukraine's request for continued military aid. (Photo by Chip Somodev illa/Getty Images) A In 2023 The west will need to decide how it wants to protect democracy in Ukrain e because the winter could stretch deep into April and May of 2023. If the west does not step up to h elp Ukraine the constant rocket attacks could crip ple the country. There is immense intellectual cap ital in Ukraine that needs to protection and nurtu ring. Listen to my podcast about the rebuilding of Ukraine here. Welcome to the new volatile labor markets - globally each of us needs a very astute sports agent. $a$ Scott Boras is a hated man by spor ts franchise CEO's and owners in the USA. There e similar agents in soccer in Europe, like Jorge $M$ endes. They have something in common. Even if we ight over the idea that one sport is called footb

## Required Expertise $=0.15$

at. No, I was told, this was a training exerci se for the Central Intelligence Agency, the CIA, a nd they wanted to know if would be willing to pa
rticipate. a I opened the conversation by saying: 'According to your original charter from when the CIA was created in 1947, you're not supposed to be CIA was created in 1947, you re not supposed to be em-haw. A It wasn't long after the meeting when I found out something else. I was stunned to learn t hat there are CIA operatives inside some state gov ernments. I'm left to wonder why our Constitution is being violated. Source: Don't Start the Revolut ion, by Jesse Ventura, p. 90-94, Apr 1, $2008 』$ Bu sh administration knew $9 / 11$ was coming at When it $c$ omes to the question of "what did they know and wh en did they know it," as the old Watergate phrase goes, my B.S. detector antenna goes sky-high. Cons ider these facts about the summer of 2001: a July 26: Attorney General Ashcroft stopped flying comme cial airlines because of a threat assessment. A ug. 6: Pres. Bush received a briefing titled: "B

Facts \& Trivia $=1.47$
. Offensive Began Many Months Ago ©Clare M. Lop ez $』$ President Trump green-lighted the Turkish cro ss-border assault against the Kurdish Syrian Democ ratic Forces (SDF) after a phone call with Turkish
President Recep Tayyip Erdogan on Sunday 6 October 2019 but the influence operation 2019but the influence operation to prep him for t
hat moment began many months ago. Events in the hat moment began many months ago. Events in the Middle East have unfolded rapidly since Trump's de
cision to pull U.S. troops out of areas in northea stern Syria ahead of the coming Turkish invasion $t$ hat began 9 October with a combined force of armor ed, mechanized and commando brigades, assorted spe ed, mechanized and commando brigades, assorted spe rmy (SNA) fighters from various Turkish-backed Syr rmy (SNA) fighters from various Turkish-backed Syr
ian rebel groups. Close to a week later, hundreds lan rebel groups. Close to a week later, hundreds
of Kurdish civilians are dead, thousands more are uprooted and fleeing, and Turkey's forces continue advancing ever deeper into Kurdish areas, even as Syrian troops head north to confront them. Turkish Syrian troops head north to confront them. Turkish in the direction of a U.S. Special Operations po

## Educational Value $=0.46$

and Qatar was resolved in March 2001. The bord er with Oman also is not demarcated. as Saudi force S did not participate in the Six-Day (Arab-Israeli War of June 1967, but the government later provi ded annual subsidies to Egypt, Jordan, and Syria $t$ support their economies. During the 1973 Arab-Is il boycott of the United States and Netherlands. member of the Organization of Petroleum Exporting Countries (OPEC), Saudi Arabia had joined other me mber countries in moderate oil price increases beg inning in 1971. After the 1973 war, the price of o il rose substantially, dramatically increasing Sau di Arabia's wealth and political influence. a King Fahd suffered a stroke in November 1995. From 1997 , Crown Prince Abdullah took on much of the day-to day responsibilities of running the government. U pon King Fahd's death on August 1, 2005, Abdullah assumed the throne as King. Prince Sultan, Ministe of Defense and Aviation, became Crown Prince and
a hundred years of bloody wars I finally rea ize this is the Jewish national home, too. We nee $d$ a two-state solution. Can you imagine? ... But n one is ready to do it." A In the political imagi
nations of Israeli Jews and Palestinian Arabs, "Eu rope" continues to play an overwhelming role. Oz d eclares: "The Jews and the Arabs had the same oppr essors. The Europeans were guilty of anti-Semitism and the Holocaust, and the Europeans were guilty o f colonialism in the Middle East and, the exploita tion of the Arabs. In Brecht's poems, the oppresse d join hands and march together. But the two child ren of the same oppressive parent can often be the worst of enemies. The Palestinians look at me, the Israeli, as an extension of white, sophisticated, colonizing Europe, which returned to the Middle Ea st to do the same old thing: dominate, humiliate, like European crusaders. The other side, the Israe lis, see the Palestinians not as fellow-victims bu $t$ as pogrom-makers, Cossacks, Nazis, oppressors in kaffiyehs and mustaches playing the same ancient $g$

## Facts \& Trivia $=2.30$

$t$ there has yet to be one collision, or even a near miss, among the high-powered supersonic Ameri can, Allied, Russian and Syrian fighter bombers. Russian and Syrian Air Force officers gave details han Shiekhoun on April 4 directly in English the deconfliction monitors aboard the AVACS plane whe deconfliction monitors aboard the AWACS plane, which was on patrol near the Turkish border, 60 mi han Sheikhoun, as shared with the Americans at Doh han Sheikhoun, as shared with the Americans at Doh
a, was depicted as a two-story cinder-block buildi a, was depicted as a two-story cinder-block buildi
ng in the northern part of town. Russian intellige ng in the northern part of town. Russian intellige nce, which is shared when necessary with Syria and the U.S. as part of their joint fight against jiha
dist groups, had established that a high-level mee dist groups, had established that a high-level mee
ting of jihadist leaders was to take place in the ting of
building, including representatives of Ahrar al-Sh am and the al-Qaida-affiliated group formerly know n as Jabhat al-Nusra. The two groups had recently $n$ as Jabhat al-Nusra. The two groups had recently ding area. Russian intelligence depicted the cinde

Educational Value $=1.30$
e, but a second wave of wars began when the Co ssacks allied with Russia and pushed deep into Lit huania in 1655. In the same year, Sweden piled on, capturing several of Poland's major cities. The Co ssacks and the Russians treated the Jews far more brutally than the Swedes, but they were trouble to
o. The successful Polish counterattack against Swe dish forces was also disastrous for the Jews, who were accused of treacherously assisting them. "Hun were accused of treacherousiy assisting them. "Hun
dreds, if not thousands, of Jews were killed, and a mass exodus began. "a How many Jews were killed or uprooted during these years? Relying, like Chaz an, on the research of Shaul Stampfer, Teller repo an, on the research of Shaul Stampfer, Teller repo
rts that of the 40,000 Jews in Ukraine, some 18,00 0 died between 1648 and 1654, in addition to an in determinable number of others who were massacred i n other parts of the Polish Lithuanian Conmonwealt $h$. Refugees who remained within the borders of the Commonwealth must have numbered at least 15,000, a nd another 10,000 seem to have migrated beyond the

## Required Expertise $=1.39$

East, was made clear by Tillerson's response $t$ - Tuesday's events. The secretary of state denounc ed Assad for his "brutal, unabashed barbarism," be fore adding that Russia and Iran bore "moral respo nsibility" for the attack. AT Tillerson's provocati ve remarks come on the heels of last week's commen ts from General Joseph Votel, chief of the US Cent ral Command, who told a House Armed Services Commi ttee hearing that Iran "poses the greatest long-te rm threat to security in this part of the world. ama in Trump took office, the war initiated by $0 b$ fied Trum Sy the ground to launch air strikes and other attacks while increasing the number of troops deployed o $n$ the ground and expanding their mandates to act c loser to the front lines of fighting. The result as been a devastating rise in civilian casualties in both countries, with the death of hundreds of ivilians in the Iraqi city of Mosul and hundreds m ore in air strikes in northern Syria. $₫$ Trump has

Table 27．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 12 （ $\mathbf{3 . 7 \%}$ ）research，university，science，journal，study，social，vol．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percent | 30th percentile |
| :---: | :---: |
| Writing Style $=-1.25$ | Writing Style $=-0.42$ |
| 2012，In ：Carbohydrate Polymers．88，4，p． 13 73－1377 5 p．』Funder，E．D．，Jensen，A．B．，Tørri ng，T．，Kodal，A．L．B．，Azcargorta，A．R．\＆Gothe lf，K．V．， 5 Mar 2012，In ：Journal of Organic Che mistry．77，7，p．3134－3142 9 p．a Kristiansen，M． <br> Kryger，M．，Zhang，Z．，Voigt，N．V．，Birkedal，V <br> \＆Gothelf，K．V．，2012，In ：ChemPlusChem．77， 8 <br> p．636－642 7 p．A Rangnekar，A．，Zhang，A．M．，S hiyuan Li，S．，M．Bompiani，K．，Hansen，M．N．，Got helf，K．V．，Sullenger，B．A．\＆Labean，T．H．， 201 2，In ：Nanomedicine：Nanotechnology，Biology and Medicine．8，5，p．673－681 9 p．a Ke，Y．，Voigt，N <br> V．，Shih，W．M．\＆Gothelf，K．V．，2012，In ：Jou rnal of the American Chemical Society．134，3，p． 1770－1774 5 p．Keller，A．C．，Bald，I．，Rotaru， <br> A．，Cauët，E．，Gothelf，K．V．\＆Besenbacher，F．， 2 012，In ：A C S Nano．6，5，p．4392－4399 8 p．$\oplus$ Ma sini，F．，Kalashnyk，N．，Knudsen，M．M．，Cramer，J <br> R．，Lægsgaard，E．，Besenbacher，F．，Gothelf，K． <br> V．\＆Linderoth，T．R．， 10 Aug 2011，In ：Journal o <br> f the American Chemical Society．133，p．13910－139 | he era of super computers and super technologi es，the Media is considered as the mirror of the $m$ odern society．better living．Knowledge and skill $s$ gained in your college courses may be directly a pplicable in your first job，but science and techn ology change at a rapid pace．Chemistry is importa nt for studying certain behaviour of chemicals in our world．In a world without chemistry，explains Science Week，humans would never have invented liq uid oxygen，a key component in rocket fuel．This i nformation can be used to give plants the best nut rients to help them grow or to decide how to dispo se of chemicals without poisoning the air or water supply．ACC 100 Select which audience you belong $t$ 0 and we＇ll display quicklinks and announcements $t$ ailored to you．THE ROLES OF ACCOUNTING ON BUSINES S AND OUR SOCIETY MARCH 4， 2014 Even in times when unemployment rates are high，the chemist remains 0 ne of the most highly sought after and employed sc ientists．a＂Wha a gu on？＂＂Wat＇s up？＂＂Que pasa？＂ ＂Hoe gaat het？＂Wat＇s popping？＂＂Sak pase．． |


#### Abstract

Facts \＆Trivia $=-0.96$ ． 1 International Conference on Software Enginee ring \＆Applications Global Science \＆Technology Fo rum 01／01／2010 01／31／2013 01／01／2010 01／31／2013 Y Y Singapore Available Now BDW6 A Priority Report A nnual Report of the United States National Advisor y Committee for Aeronautics Book Collection（H．W． Wilson）01／01／1919 01／01／1919 United States of Ame Wil son）01／01／1919 01／01／1919 United States of Ame 66－4200 Annual Review of Information Science \＆Tec hology John Wiley \＆Sons，Inc．01／01／2013 02／28／2 015 01／01／2013 02／28／2015 Y Y United States of Ame rica Available Now $11 \mathrm{G} a$ Core Academic Journal 136 7－5788 Annual Reviews in Control Elsevier B．V．01／ $01 / 2002$ Y United Kingdom Available Now OMA $』$ Prior ity Magazine Anthropological Series（University of New Mexico）Journal Collection（H．W．Wilson）01／03 ／1936 01／05／1937 Available Now D2ID \＆Core Trade P ublication 1860－5230 Antriebspraxis Dokumentations und Informationszentrum（DIZ）Munchen GmbH 11／01 2014 10／31／2016 11／01／2014 10／31／2016 Germany Ava lable Now HL5P a Core Academic Journal 1446－1811


#### Abstract

Educational Value $=-0.58$ \＄749，900 OAH TEEN PREGNANCY PREVENTION PROG RAM GRANTS July 2015 Capacity Building to Support Replication of Evidence－Based TPP Programs（Tier 1 Grantee City State Award Maricopa County Phoen ION ASSISTANCE PROGRAM PARTICIPATION RATES IN 2009 FOOD AND NUTRITION SERVICE $\Perp$ Responsibility and Wo rk Opportunity Reconciliation Act．．．．STATE SUPPLE MENTAL NUTRITION ASSISTANCE PROGRAM PARTICIPATION RATES IN 2009 FOOD AND NUTRITION SERVICE Recent st udies have examined national participation oGW L V Alumni Elective Courses Survey a GW Law Alumni E tion（if you hold multiple degrees from GW Law，pl ease select your most recent graduation year）［dro p－down list included 1925－2010］2．Practice $\Perp$ Supp lemental Health Insurance Products Inventory Repor t．May 2014 Supplemental Health Insurance Produc ts Inventory Report May 20141 Health Insurance 0 tions for the Uninsured In May of 2014，Gallup est nated that $13.4 \%$ of Americans were uninsured，whin


## Required Expertise $=-0.75$

．nce in organizational leadership．\＆Yufei Jin a Bachelor of Science in organizational leadersh ip．A Hang Ju，a Bachelor of Science in organizat ce in organizational leadership．Yu Kong，a Bach elor of Science in organizational leadership．$₫$ Mi ng Lai，a Bachelor of Arts in political science． Lei Lei，a Bachelor of Arts in political science． Yunchang Leng，a Bachelor of Science in organiz tional leadership．A Bitian Li，a Bachelor of Scie nce in organizational leadership．ACe Li，a Bache lor of Science in organizational leadership．$\leftrightarrows$ Jia hang Li，a Bachelor of Science in organizational eadership．JJiayu Li，a Bachelor of Science in or ganizational leadership．a Jielu Li，a Bachelor of i，a Bachelor of Science in organizational leader hip．a Mingjin Li，a Bachelor of Science in organi zational leadership．a Shuang Li，a Bachelor of Sc ience in organizational leadership．\＆Shuhui Li， Bachelor of Science in organizational leadership．

## Facts $\boldsymbol{\&}$ Trivia $=0.06$

$\therefore$ he fact that Bunce and West made intensive $u$ se of various instruments to $』$ measure psychologic source of and a source of concerns about ecological validity，
though this is an area in which most if not all antitative $s$ research is likely to be implicated A fourth issue that es to the $a$ question of replicability．For example Pugh et al．（1968）lay out very clearly the pr cedures and measures that were employed in the ocedures and measures that were $\Perp$ employed in the Aston studies and these have been used by alsever on of $\mu$ this research，both in business and non－bu siness organizations，including trade unions，chur ches，schools，and public bureaucracies．Consequen tly，the research is replicable．However，analys is of the same data by Aldrich（1972）and Hilton （1972）using a different statistical technique sho wed $\oplus$ other possible patterns of relationships bet ween the variables in the Aston studies（ see Web $R$ esearch in focus 4．6）． 4 This failure to replicate

## Educational Value $=0.53$

．．ntists．A Hence that central idea of Fichte＇s philosophy was born，the idea of a $』$ general scien tific doctrine，a theory that，unlike Kantian logi C，would set $』$ out principles that were really sig nificant for any application of thought 』 This SCi ence would set out laws and rules equally binding on both think－』ing about thinking and thinking a bout things．Thinking about thinking，a i．e．logic of provide a model and example of observation scientific scholarship）for the other as sciences n general．These principles must remain the same oth when a thinking was directed to phenomena in athematics，physics，or anthropology，and when irected to concepts，i．e．to itself．a For a conce pt was just as much an object of scientific study as any a other object；the more so that we only kn ew any other object scientifically $₫$ insofar as it was expressed in concepts，and in no other way． at meant $a$ that to determine or define a concept a

## Required Expertise $=0.24$

served as vice－president of the Simon Fraser $U$ niversity Faculty Assocation（SFUFA），and from 197 o to 1971 he served as SFUFA＇s president．During h is time on the SFUFA executive，the university und erwent a period of unrest culminating in the strik e，Sociology，and Anthropology（PSA）Department．A fter the Board of Governors fired three of the sus pended professors and cancelled part of the univer sity＇s document protecting faculty rights，the SFU A executive called for a vote of non－confidence i nt Board and SFU President Kenneth Strand．When faculty members rejected the executive＇s recomnend ation，Mackauer and three other members of the exe cutive resigned．a Collection consists primarily o f the SFUFA president＇s correspondence during the PSA crisis．In addition，there is some corresponde nce concerning other matters of interest to facult y members such as salary negotiations，pensions， nd sabbatical leave．Records include correspondenc e，clippings，notes，minutes，legal statements，

Writing Style $=0.63$
$\ldots$ cracy．an $* * *$＂The directions of research have
to be planned in a transparent way and submitted t
o democratic deliberation．＂OK．But it is better
to add some space of free research for the scienti
sts themselves，allowing them to study some fields
where they feel there is hope of discovery．Useful
results may come by indirect ways，and therefore r
esearch must not be 100\％planned．a $\begin{aligned} & \text {＊＊＊Furthermor } \\ & \text { e we must beware that the planning proposals could } \\ & \text { cover censorship of some fields ：groups may propo } \\ & \text { se discarding research in some fields not really } \\ & \text { ecause they think money would be more useful elsew } \\ & \text { here，but because they are afraid this research co } \\ & \text { uld lead to unpleasant results．a＊＊＊Ferey underl } \\ & \text { ines how useful may be diversity among the scienti } \\ & \text { sts．But she omits an important parameter ：the in } \\ & \text { tellectual training．When all the scientists in a } \\ & \text { field have the same training，conformity is much e } \\ & \text { asier to get．If for instances the sociological st } \\ & \text { udies are made by people of different background－} \\ & \text { psychological，biological，historical，economical }\end{aligned}$ ，
Facts \＆Trivia $=0.97$
get regulated out of existence．＂$\Perp$ Cuppoletti research focuses on modeling the sound that come out of turbines and finding ways to reduce that noise，using strategies such as changing the confi adding other tweaks．His lab uses an tubes，and ber，covered on all sides by sound－dampening mater ial and outfitted with a suite of eight microphone s ，to test the frequency，wavelength and amplitude of sound The models he and his students are creat ing will eventually be part of a guidebook that ma nufacturers of drones and flying cars can use to a nticipate what their novel designs will sound like $₫$ One way to reduce the unwanted impacts of thes vehicles is to route them over roads，which are already noisy，said Antonio Torija Martinez whos tudies the impact of drone noises on communities the University of Salford in Manchester，England $』$ In 2019，he published a paper that asked parti cipants to rate noise from drones when they were

Educational Value $=1.45$
．．tive to the cycle of nature that articulates $t$ he struggle to define a pattern of ecological rela tionships，in the form of the labyrinth．The labyr
inth comprises a dichotomy．On the one hand a unic ursal model articulates structure as a series of c oncentric loops that act as boundaries and lead to ward a point of illumination．This model incorpora tes the cycle of nature within a more complex sche me than McCoppin＇s seasonal model of regeneration． On the other hand the labyrinth in multicursal for m comprises a maze that resists regularity，replac ing certainty with choice leading either to contin ued progress or dead－ends．The labyrinth as a symb ol of alienation，disorientation and confusion cap tures the ambition of ecological readings of quest s to reconcile humanity and nature．I apply the ec 0 －labyrinthine model to my reading of two of the twentieth－centuries most popular quest fantasies， Pullman＇s His Dark Materials．The following study
ntent analytical units．$\Perp$ Einführung in die qu alitative sozialforschung，eine anleitung zu quali tativem denken mostyn，barbara（1985）．Figure 3 sh ows the steps of deductive category application． ince then mayrings works seem to have become stand some regularly appear in new editions（e analysis and ill help to refine the data collection plans with respect to both the content of the data and the pr ocedures to be followed．Finally，those category $d$ efinitions are put together within a coding agenda Gläser and laudel（1999 2004）criticize that the closed，ex ante determined category system is only adapted to the empirical material in a first proce ss cycle with only part of the textsa procedure th ey disqualify as methodologically arguable and tec hnically too elaborate（p．\＆Therefore，case studi es offer the opportunity for a holistic view of a process（patton \＆appelbaum，2003，p．Especially t he combination of qualitative methods and quantita tive methods seems to be appropriate in order to g

Writing Style $=1.48$
ption of the continuity and importance of Plat onism，could imagine．$₫$ In this post I want to ref lect on my namesake＇s om $n$（in his preface）and on the formatting and meta－ textual aspects fornson＇s translation（includin g his notes． ontents of his volume．Let me begin by quoting fro language by reason of the poverty of its philoso language，by reason of the poverty of its philosop he deep insights，of the platuat thinkers．Their poks are in＂＂sealed dialect＂to the in an ooks are in a＂sealed dialect＂to the many，in any language，and to the mere verbal Greek scholar as well as to those who are innocent of Greek they ar e unintelligible．Chemistry，Biology，and the othe and Philosophy，the Science of sciences，has a voc abulary peculiar to itself and this must be maste red before one can apprehend philosophic conceptio ns．Philology alone will not furnish a key to the ns．Philology alone will not furnish a key to the
thought of Plato and the Platonists．（p．I）T．M

## Facts \＆Trivia $=1.87$

1998），Dao，Harmakhis，and Reull Valles（Price 1998；Mest and Crown，in press），Hadriaca Patera （D．A．Crown and R．Greeley，map in preparation），a nd western Hellas Planitia（J．M．Moore and D．E．Wi lhelms，map in preparation）．We incorporated some of the previous work，but our map differs markedly in the identification and organization of map unit s．For example，we divide the Hellas assemblage of Greeley and Guest（1987）into the Hellas Planitia and Hellas rim assemblages and change the way unit $s$ within these groupings are identified $₫$ Geoethic $S$ and Forensic Geology $』$ Donnelly，Laurance $』$ The International Union of Geological Sciences（IUGS） Initiative on Forensic Geology（IFG）was set up in
2011 to promote and develop the applications of 2011 to promote and develop the applications of ge ology to policing and law enforcement throughout t he world．This includes the provision of crime sce ne examinations，searches to locate graves or item
s of interest that have been buried beneath the gr ound surface as part of a criminal act and geologi cal trace analysis and evidence．Forensic geologis

Educational Value $=2.28$
today．＂This is in contrast to a participator approach：＂What would you like to do about Sarah ＇s vaccinations today？＂a Foster resilience by pla nning ahead $₫$ To build public support for vaccines there is a need to foster trust not only in vacc ines，but also in the health system in general and in immunization programs in particularFootnote 18 Events that can undermine trust and drive negative vaccine concernsFootnote 40Footnote 41Footnote 42 vaccine concernsfootnote 40Footnote 41Footnote 42
include the following：$\$$ The addition of a new vac include the following： cine，resulting in an increase in the number of va ccines being recommended $\#$ A new emerging side－eff ect for a particular vaccine A A lack of consisten cy in vaccine recommendations（for example，from o ne province to the next）$A$ Research has identified that it is useful for public health professionals to work through a specific communications approach for each of these situations ahead of time，so tha $t$ there can be a quick and constructive response $t$ hat dispels concerns early．For programs at the co

## Required Expertise $=1.59$

g the Middle from the Extremes $\leadsto$ Maitreyanātha s Distinguishing the Middle from the Extremes（Ma dhyäntavibhäga）was transmitted to us by the noble Asanga，great saint and champion scholar of fourth century CE Indic Buddhism－along with Vasubandhu＇s commentary on the text．It is one of the five semi nt deeds tradit the Tibetans call the magnise according to its spiritual focus and ethical impac t ．Its emphasis on the nondual，primarily mental $n$ ature of reality most powerfully supports the grea t messianic vow of the bodhisattva，the entry into the universal vehicle lifestyle．In his study intr oducing the translation，Dr．D＇Amato analyzes and elucidates the teachings of this text and its asso ciated school with great learning and insight．（So urce：Tibet House）』D＇Amato，Mario，trans．Maitr eya＇s Distinguishing the Middle from the Extremes （Madhyäntavibhāga）：Along with Vasubandhu＇s Commen tary（Madhyăntavibhăga－bhāṣya）；A Study and Annota ted Translation．Treasury of the Buddhist Sciences

Table 28．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 13 （ $\mathbf{3 . 4 \%}$ ）shall，section，information，act，tax，data，services，service，use．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30 | $70 t$ |
| :---: | :---: | :---: |
| Writing Style | Writing S | ng Style $=-0.42$ |
| OR $』$ LIABILITIES UNDER ERISA，SECTION 4975 OF THE CODE OR SIMLLAR LAW）IN ADDition TO $₫$ THOSE SE T FORTH IN THE POOLING AGREEMENT，WHICH OPINION 0 F COUNSEL SHALL NOT BE an EXPENSE OF THE TRUSTE E，THE TRUST FUND，THE MASTER SERVICER，THE SP ECIAL a SERVICER，THE CERTIFICATE REGISTRAR OR THE SEILER EACH TRANSFEREE OF A BENEFICIAL THE SELLER．EACH TRANSFEREE OF A a BENEFICIAL INTEREST HEREIN SHALL BE DEEMED TO REPRESENT THAT IT IS NOT A PERSON a REFERRED TO IN CLAUSE（A）OR （B）ABOVE． $8606(a)(1)$ AND 8600 OF THE CODE，AND CERTAIN OTHER ASSETS．a First Distribution Date： November 18， 1998 Cut－Off Date：October 11， 1 998 A Aggregate Initial Certificate Principal Amou nt Scheduled Final Distribution as of the Class B Certificates：$\$ 102,384,000$ Date：October 2 028 \＆CUSIP： 36228 CN 1 <br> Initial Certificate Principal \＆ISIN：US36228CCN 11 a This certifies that［ $\qquad$ $\qquad$ is the $₫$ registered owner of a beneficial ownership interest in a Trust Fun d，including $\#$ the distributions to be made with | he Washington Industrial Safety and Health Act the notice of appeal should contain where applic able：：（a）The name and address of the appealing party and of the party＇s representative， （b）A statement identifying the citation，penalty assessment，or notice of abatement date appealed $f$ rom．This requirement may be satisfied by attachin g a copy of the citation，penalty assessment，or n otice of abatement date．\＆（c）The name and addres $s$ of the representative of any labor union represe nting any employee who was or who may be affected by the alleged safety violation（s）．If the employe $r$ has no affected employees who are members of a $u$ nion，the employer shall affirmatively certify tha t no union employees are affected by the appeal． （d）The reason why the appealing party considers s uch order or decision，to be unjust or unlawful． （e）A statement of facts in full detail in support of each stated reason．A（f）The specific nature a nd extent of the relief sought．』（g）The place，m ost convenient to the appealing party and that par | ing from a system change．These concerns were primarily addressed by SaaS providers through a co mmunicated set of policies around the timing and i being able to craft an SLA that cloud providers wo uld accept that still met the burden of internal a nd external audit．There were three areas of parti cular concern．some Saas providers had a written $p$ olicy of providing advanced notice of any updates or patches at the software level．The second conce rn was around changes to application interfaces．S ervice Level Agreements（SLAs）There were several open issues reported with crafting cloud service $p$ rovider SLAs．This was a particular challenge when communicating potential risk to internal and exter nal auditors．Responses varied significantly in th is area．Some respondents pointed to the European Network and Information Security Agency＇s（ENISA＇s ud service providers as a potential baseline for $f$ uture cloud provider assessments．Update and Syste |


#### Abstract

Facts \＆Trivia $=-1.86$ r U．S．copyright laws．This Content is provid $d$ to you solely for your personal and non－commerci al use．Commercial use is strictly prohibited． al use．Conmercial use is strictly prohibited． ou agree to indemnify and hold JSP，its parents， ou agree to indemnify and hold JSP，its parents，a tors，officers，managers，members，employees，agen ts，attorneys，contractors，licensors，manufacture rs，attorneys，contractors，licensors，mandiers harmless against any and all clai ms ，losses，liabilities，expenses（including attor ney＇s fees），damages and costs，made by any third party arising from your use of our Site or your vi olation of these Terms．$₫$ Our Site may contain lin operated by JSP．JSP does not endorse，guarantee， operated by JSP．JSP does not endorse，guarantee， n any linked website．The links are provided only as a convenience to our users．\＆Our site particip ace is using affiliate links through several aff liate programs．Affiliate links earn us commission fees by linking to HomeDepot．com and Zoro com． SP，in its sole discretion，reserves the right to

Educational Value $=-1.49$ aterial．You agree not to reproduce，modify， eate derivative works from，display，perform，pub lish，distribute，disseminate，broadcast or circul ate any Material to any third party（including，wi thout limitation，the display and distribution of the Material via a third party website）without se of Get Schooled＇s and／or its licensors＇Materi 1 is only permitted with their express written per mission．You further agree that you will not disas semble，decompile，reverse engineer or otherwise m odify the Material．Any unauthorized or prohibited use may subject the offender to civil liability an d criminal prosecution under applicable federal an d criminal prosecution under applicable federal an d state laws．$\mu$ REPEAT INFRINGER POLICY；COPYRIGHT COMPLAINTS $a$ For information about Get Schooled＇s copyright policy go to https：／／getschooled．com／co yright a MESSAGE BOARDS AND OTHER POSTINGS \＆To th extent that portions of this Site provide users an opportunity to submit，post，and exchange ideas information and other material（the＂Postings＂）


## Required Expertise $=-1.10$

at capital one does not charge．Now at the sam e time－to make money，I＇m sure they charge a fee ack reward program．As long as the charge is mad $e$ in US dollars，I believe American Express doesn t charge the foreign transaction fee．al I often sh op at AbeBooks，which is an online marketplace for books．AbeBooks is a Canadian company and I always not my main card，because AbeBooks charges my cred it card in US\＄and Amex won＇t charge me the foreig $n$ fee for it．AI the charge was made in other cu rencies，Amex also charges the foreign fee，unfor tunately．$a$ I wonder if there is a way to tell ahe ad of time if a company will make the charge in US dollars or in a foreign currency？a I first have o mention that my comments only corresponds to the ＂Foreign Transaction Fees at Home＂part in your urrency in advance，other than asking them，but would say that only the foreign businesses which

Facts $\&$ Trivia $=-0.97$
$\therefore$ controlling the apparatus fund or not automat cally receiving a $4 \%$ increase for the remainder of old to save the VFD？We will know sock into the ings never change with old personnel still in tow in Town Hall A memo sent peut the Commission Sept．1st was addressed to VM McIntee and Comm．Sil Sept．1st was addressed to VMCIntee and Comm．Sil verstone！．．．When the latter was caught by one Comm
another leftover staff member was not the least another leftover staff member was not the least bi t chagrined，we are told．．．just more of the same old
same old．．．Time for some more changes after the bud ．．Same ol．．．．ime for some more changes after the bud get is adopted！．．．\＆Speaking of old staff ．．．．．e heard recommendation for a new job with one Comm．a few weeks back The Comm．did not comply Thank goodness after all that keeps coming up anter hert ．．．As for the former Asst．TM／Int．TM Johno．．．He sen the Int．Town Manager two more letters asking fo a change in his termination with cause（the 1st June 24， 2010 letter was previously posted with th e July 6， 2010 reply from Ms．Hoffmann）．．．In the su

Educational Value $=-0.59$
．．ecurities Services Act；clause 84 of the Draft Financial Markets Bill，2011，hereinafter referred 82 of the Financial Markets Bill［B12－2012］，herei nafter referred to as the Financial Markets Bill， 2012 （I have employed the term＂clause＂to refer the provisions of both the Draft Financial Mark ts Bill and the Financial Markets Bill，2012．In r elation to this and for the purposes of this artic le，the relevant provisions of the afore－said Bil 5 and the now repealed Securities Services Act wil 1 be referred to only where necessary for historic al comparative analysis）． 68 See s 81（1）and（2） read with subs（3）．The same status quo was also s tipulated in s 76（1）and（2）of the Securities Ser vices Act；clause 85（1）and（2）of the Draft Finan cial Markets Bill and clause 83 of the Financial M arkets Bill，2012．$\leftarrow 69$ Section 1041E；also see pa ra 2.3 above． 70 Section 81 of the Financial Mar kets Act．Notably，a similar approach was also pro ided under s 76 of the Securities Services Act
them find a suitable home in which to continu fostering or to adopt a child．We will add only ered or adopted children there are or may be in th e household．$\&$ If an applicant or their partner ne eds an overnight carer from outside their househol d so that they can continue living independently we will add an extra room to the applicant＇s minim um and maximum room eligibility．Our definition of ＇carer＇is in line with that of the Department of Work and Pensions．©ur partner landlords may int roduce a local letting policy：$\Omega$ ．in areas where there is a shortage of a specific type of housing －to ensure a balanced community and prevent ant i－social behaviour，for example to stop there bein g too many young people in an area or type of prop erty 4 ．to take into account rural or city－centre related issues concerning the demand for and affor dability of housing．A If a local letting policy nvolves a local connection，the following criterio n will apply：© The applicant or a member of the a


#### Abstract

Facts \＆Trivia $=0.05$ only take place in person if there are except ional reasons．Oral proceedings already scheduled to take place in person during this time will be onverted to videoconference oral proceedings． om 4 January 2021，all Opposition Division OPs are premises unless there are serious reasons against premises unless there are serious reasons agains his pilot scheme will run until at least 15 Septe ber 2021，pending an assessment of its success． ber 2021，pending an assessment of its success．Th is decision comes into force on 4 January 2021，an d applies to all oral proceedings before oppositio n divisions scheduled to take place on or afpositio at date．A Change of practice：Examining Division OPs are to be held by videoconference and no longe on EPO premises unless there are serious reasons against holding the oral proceedings by videoconfe rence such as，in particular，the need to take evi rence such as，in particular，the need to take evi dence directly．The President of the EPO＇s decisio $n$ looks set to persist post－COVID．The decision en


Educational Value $=0.46$
．with respect to that premium．Nearly 50 perce it of the cost of insurance for Workers＇Compensat share this information with employers would not gi ve them an opportunity to understand their true sts．A Again，we thank you for the opportunity to sts．A Again，we thank you for the opportunity to testify today，and I would welcome any questions y
ou may have．Mr．Yingling．a STATEMENT OF EDWARD ou may have．al Mr．Yingling．a STATEMENT OF EDWARD L．YINGLING，DEPUTY EXECUTIVE VICE PRESIDENT，AMER
ICAN BANKERS ASSOCIATION a Mr．YINGLING．Mr．Chair man，thank you for holding this hearing on medical privacy．Throughout its history the banking indust ry has protected the medical information of its cu stomers．Our approach is straightforward．Medical information should only be used for the purpose fo which it is provided and should not be shared wi thout the express consent of the customer．a Altho ugh limited，there are instances where medical inf ormation is relevant．For example，in small busine ses where the franchise value of the firm hinges

## Required Expertise $=0.68$

transit country（if known）；$』(\mathrm{v})$ any addition al information required as a condition or restrict each kind of chemical imported from or exported to each named exporting or importing country；and $a$（c）must be signed by the holder of the permit； and $\leadsto$（d）must be given on or before 28 February f each year． 3.350 Period of validity and renewa 1 of permit（1）A multiple permit is valid until the end of 31 March next occurring after the permi $t$ is granted．a（2）An application for renewal of a permit may be made in writing by the holder of $t$ he permit not more than 60 days before the day on which the permit ceases to be valid under subregul ation（1）．a（3）An authorised officer may grant a n application for renewal if the authorised office $r$ is satisfied that：$\Delta$（a）the holder has not impo rted or exported a chemical in contravention of th e permit；and $a(b)$ the holder has complied with a ny conditions or restrictions specified in the per mit；and $a(c)$ the holder continues to be a fit an

Writing Style $=0.43$
Since this includes doctors and engineers you really want to believe that quality principles gov ern their actions！aroma definition of what ap rofession was，he pointed out the impact of profes sions on an economy that is now 0 service based tandards，such as ISO that can be used to sovern tandards，such as 1 so that can be used to govern rofession．He gave a very interesting historical hrough the 13th and 15th century supplanted by sci hrough the 13th and sth century supplanted by sci enthen spent most of his discussion on the differe e the between the professional associations and the professional regulatory bodies，showing how the pr professional regulatory bodies，showng how the pr e principles of quality，aboit without a formal i e ternational standard He even did a OFD exercise for a professional activity to show the parallels． The whole presentation was an eye opener to a nd it was well received by the others．Dear read rS and ASO colleagues，I am thrilled and excited

## Facts \＆Trivia＝ 1.01

ts users pick a four－character PIN to access $t$ heir Microsoft account and purchase apps，＂the num ber of attempts to enter the PIN is not limited，w hich means that user data is not secure or confide ntial．＂』 Furthermore，users are allowed to create a PIN of＂0000，＂the agency says．＂This weak passw ord without a combined mechanism to limit the numb er of unsuccessful authentication attempts does no $t$ ensure the security or confidentiality of the da ta，＂CNIL says．AThe operating system also instal is advertising trackers known as cookies without p bling them to oppose this，＂CNIL alleges，which wo uld violate EU law．No Safe Harbor oThe move by CNIL against Microsoft follows the European Court of Justice invalidating the 15 －year－old Safe Harbo r framework in October 2015，ruling that the Unite d States failed to provide an adequate level of pr otection for EU citizens＇data，as required under European law（see EU Court Invalidates U．S．－EU Dat a Sharing Agreement）．The ruling was fueled，in pa

Educational Value $=1.40$
．．．rt of the ENCODE Project．The goal of the ENCO DE Project is to apply high－throughput，cost－effic ient approaches to generate a catalog of sequence－ based functional elements in the human genome．The DAC will be funded primarily to coordinate and to assist in the analysis of data produced by the ENC ODE Consortium．AThis RFA will use the NIH U01 Co operative Agreement grant mechanism．A total of $\$ 1.0$ million dollars in FY 2008 funds has been com mitted to fund applications received in response $t$
0 this RFA．\＆The total project period for an appl ication submitted in response to this RFA may not exceed four years．At is anticipated that 1 awar d will be made．Eligible organizations：For－prof it organizations；non－profit organizations；public or private institutions，such as universities，col leges，hospitals，and laboratories；units of State and local governments；eligible agencies of the Fe deral government；and domestic or foreign institut ions．aligible principal investigators（P．I．s）：

## Required Expertise $=1.28$

eir own placements with local governmental age ncies．Potential placements include the Texas Atto rney General＇s Office，the legal department of the City of South Texas College of Law，the Harris Cou ce of Homeland Security，and many others．These pl acements provide access to the South Texas College of Law legal community and give law students the o pportunity to expand their professional skills and identify challenging and fulfilling work possibili ties．$』$ An introduction to the statutory and commo n law impacting pollution control and environmenta protection．Emphasis is on federal legislation， such as the National Environmental Policy Act，the Clean Air Act，the Clean Water Act，the Resource $C$ onservation and Recovery Act and the Comprehensive Environmental Response，Compensation and Liability Act．』Natural Resource Management Law $』$ This cour se examines the ways in which federal natural reso urces are managed and preserved．Topics covered in
clude the acquisition and disposition of public la

Table 29．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 14 （ $\mathbf{3 . 2 \%}$ ）book，books，read，story，writing，author，life，reading，novel．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-0.61$ | Writing Style $=0.59$ | Writing Style $=1.43$ | Writing Style $=2.17$ |
| published a book also called the Skeptics Guid $e$ to the Universe <br> I believe it＇s 137,000 words．．．I＇S．．I＇ ＇s essentially our guide to all things skeptically related，all the stuff we talk about on the show， science versus pseudoscience，logical fallacies，d ifferent specific pseudosciences，cognitive biases －＇＂B：＇${ }^{\prime}$＇There＇s a rumor that the book is just a transcript of every episode we＇ve ever done． ＇＇＇Is that true？＇＇＇S：＇＇＇That＇s fake news． That＇s a false rumor．＇＂B：＇＇Ah，okay． ＇ ＇ Now，there＇s a lot of information in this book that you will never have heard listening to the sh ow．＇＇＇S：＇＂＇And it is obviously all organized and in one place．＂＇S：＇＇＂And if you ever think，oh， I wish there was one place where I can go and like study all the logical fallacies that keep talking， up．＇＇＇ 5 ：＇$"$＇This is what that book is for．＇＇＇ S ：＇ ＂．＇And also，I understand it＇s a wonderful gift． And with Christmas coming in，oh，I get t o speak about that again． <br> oh，it＇s that t | nowing some of their personal stories gives a glimpse into why they are so dedicated to the job and to each other． 4 The other steady light in the se books is the ongoing narration by Alison Campbe 11．Ms．Campbell continues to be an ideal reader w of how the story needs to be told．No one could do a better job in my opinion．\＆I received this audi obook as part of my participation in a blog tour w ith Audiobookvorm Promotions．The tour is being sp onsored by Rachel Amphlett．The gifting of this au diobook did not affect my opinion of it．\＆ 3 Winne Ts：Free copy of Cradle to Grave A Adadiobook Authors Direct $₫$ Cradle to Grave Giveaway：Three Winners！a Enter here．a Nov．5th：$₫$ Southern Girl Bookaholic \＆The Book Junkie Reads．AA All th $e$ Ups and Dows \＆Dab of Darkness Book Reviews \＆H all Ways Blog $\uparrow$ The Magic Of Worlds \＆Reading A Pa ge Turner $₫$ Next Book Review $₫$ Nov．10th：\＆Valer ie U11mer｜Romance Author $a$ The World As I See It $』$ Nesie＇s Place $₫ 2$ Girls and a Book $\&$ Plugging yo | ect descendant of Grigori Rasputin，and that 0 leg＇s blood can save the young tsar＇s life．a As $t$ he trio journey through an altered America，shatte red into several countries by the assassination of Franklin Roosevelt and the Great Depression，they＇ re set on by enemies．It＇s clear that a powerful $f$ orce does not want them to succeed in their missio n．Lizbeth Rose is a gunnie who has never failed a client，but her oath will test all of her skills a nd resolve to get them all out alive．a I＇ve loved books by this author in the past and really want $t$ 0 read some more of them．This one has a setting $w$ hich I＇m super intrigued by and merges history and magic－two things that I adore．The main characte $r$ sounds fantastic，her task intriguing and the da ngers great．I＇m definitely going to get this read as soon as possible．Alackbringer by Laini Taylo $r \oplus$ When the ancient evil of the Blackbringer rise s to unmake the world，only one determined faerie stands in its way．However，Magpie Windwitch，gran ddaughter of the West Wind，is not like other faer | seudonym Alicia Chudo，noted the sense of mora 1 urgency that Russian literature conveys，and spo rmulation I like very much．Best of all，he read a loud，from translations：when I was a student，und ergrad and grad，I didn＇t understand why he read a loud to us，but have come to realize in recent yea rs how much his readings helped me learn to hear $t$ he shadings of literary voices．I I would be remis s if I didn＇t mention that Alex Cigale gave me a c opy of the spring／summer 2015 issue of Atlanta Rev iew：Alex edited the issue and it includes four or five or six dozen translations of Russian poems．A lex pulled together a fantastic roster of fifty po ets（Shamshad Abdullaev to Ivan Zhdanov，if taken in the Roman alphabet＇s $A$ to $Z$ ）and several dozen translators，many of whom I know and have heard re read a amall sliver of the issue－every time I open the journal，I get happily stuck on Alyssa Dinega Gillespie＇s lush translation of a Polina Barskova |


#### Abstract

Facts \＆Trivia $=-1.22$ ．ople．A＇ 666 ＇kind everyone dog had in 1993 with the customers added in a diagnostic sample， sing just another lame of problem getting theme to the wise Membership，its＇blood－lust systems，＇and the wise Membership，its＇blood－lust systems，＇and successful ii．There has self－preservation， successful ii．There has self－preservation，going civic programs，working that some of the Tribes be came to the British Isles again newly．The keys of came to the British Isles again newly．The keys of the Zodiac find tormented to showcase within the the Zodiac find tormented to showcase within the a cute health around Glastonbury．also to the Exodus ，and somehow later，some of the strong users made Europe and the British Isles．Through privacy，the Europe and the British Isles．Through privacy，the found with the end，because he has removed＇acer found with the end，because he has removed＇a cer tification＇s State in Genesis 49：9．The blog，th e service＇s trust will be with him，that is，his p ower，until ONE is to whom it is．This is to find not another＇world＇to cover to the verification as By beginning download Tom Swift and his Dyna 4 Capsule（Book 31 in the Tom Swift series）；Post Yo


## Educational Value $=-0.95$

ok 3）by Anita Davis All Dr．Shannan Johnson ever wanted to do was specialize in skin care whil indulging her secret passion，chemistry．Her uni que skin condition mixed with her love for chemist ry eventually led her to creating her own makeup
ine，focusing primarily on foundation．What was on ne a quiet endeavor has become a well－known produ ce a quiet endeavor has become a well－known produ
ct，thanks to supermodel，Liv Summers．Shannan is living a life full of promise and excitement，but living a life full of promise and excitement，but
will an old flame add to her life in a way she nev er envisioned？Hears into his professional caree er envisioned？Hyears into his professional caree his game and loving every minute of his life，with one notable exception，his non－existent love life． He＇s never quite been able to get over his first 1 ove，Shannan Searcy，who is now known as Dr．Shann an Johnson．Jordan was normally swift to put aside his interest in a woman who＇s taken，however，neve $r$ seeing Shannan wearing a wedding ring when he＇s seen her in the limelight，gives him hope．Jordan

Facts \＆Trivia $=-0.29$
．．he had a stack of books that involved a giraff and depending on which level the book was，the $g$ iraffe had more and more interesting（if any of th ese pre－reader books are ever interesting）adventu
res．But regardless of the difficulty of the words res．But regardless of the difficulty of the words ，each book was only about ten pages and super eas ose to the top of the reading levels on my ability ose to the top of the reading levels on my ability
to memorize the books based on the cover art at＇s not to say I couldn＇t read the books．I wasn＇ $t$ illiterate，although I suspect I learned more ab out reading at home than I did in kindergarten or out reading at home than I did in kindergarten or first grade．First grade I don＇t remember reading anything in class．That teacher was really into wh at we call sTEM now．I remember doing lots and 1 ing apples and sorting them by skin color） ing apples and sorting them by skin color）．a Seco we sat still during the grade two appropriate book s （no matter how stupid they were）then we at to hold her pet snake．I sat still because I liked th

Educational Value $=-0.01$
．．h self－admiration and humour．He specifically names Jaime Siles，Caballero Bonald，Francisco Br nes，Antonio Colinas and De Villena．＂Victor Garcí
a de la Concha－President of the Jury－was a prom inent literary critic when I started out；we all w ished for him to review our books，＂he adds．Come next edition，Sánchez will be one the Jury members next edition，Sanchez will be one the Jury members
．＂It will be tough，but I will dedicate the same effort to judging than to writing；it is a huge re sponsibility because the prestige of both the Priz e and the Jury is at stake．．．and because we are entr usted with choosing a worthy book，＂he says stress ing that it must＂be a book that truly rises above the others，regardless of affinities or fashions， because there are，in fact，certain elements that give the work value．＂Basilio Sánchez considers hi mself＂a worker of poetry；not just of poetry itse If but of all aspects of writing：the pencil and $p$ aper，the cover of the book，the publishing house， the readings．The winner，who is actually an M．D

Required Expertise $=-0.60$
lot of nature references in my books，wheth er real or completely made－up for my fantasy world ural world fascinates me and has always been my in spiration．So，there＇s bound to be some science－re lated themes in every book I write，whether it＇s w eather and geography，human physiology，or microbi ology．It＇s a running theme．adelved into self－p ublishing was because of the positive feedback I eceived from agents on my manuscript．When agent compliment your world－building，your writing，and the story，and tell you to touch base with them fo r future projects？It＇s eye－opening in a way that $r$ future projects？It s eye－opening in a way that
a friend＇s＂This is great！＂isn＇t．（Not that my fr iends aren＇t positively amazing and cherished for their encouragement．They are．But when an agent ompliments your writing？It＇s a．Big．Deal．）That encouragement gave me the courage to take the leap $\leadsto$ Cliché as it sounds？From everywhere．But a lo $t$ of it comes from nature and the natural world si nce I＇m a scientist at heart．$\lrcorner$ My very first book

Facts \＆Trivia $=0.56$
．．．e the word＂girl＂in a slightly demeaning way books for actual girls－picture books to young adul titles much more empowering characters，themes and Power＂In a review of Sunday＇s Sewed More＂Girl sower In a review of Sunday＇s New York Times Be und this．Children＇s Middle Grade included the tit und this．Children＇s Middle Grade included the tit le women in Science，and new this week，a book cal compelled to act when a new student starts to bull compelled to act when a new student starts to bull y a veteran＂．Even more encouraging，the Times＇Ch
ildren＇s Picture Books list contained such STEM－fo lldren＇s Picture Books list contained such STEM－fo st，Scientist，by Andrea Beaty－on the Times Best S eller list for 99 weeks and 34 weeks，respectively $』$ Princess is Still In $A$ A swing through the chi ldren＇s section of my local BRN did have its oblig atory share of Disney princess books，but I also ncovered such books as The Big Book of Girl Power with Wonder Woman on the cover；Ladies of Liberty Cokie Roberts：and an＂American Girl＂history b

## Educational Value $=0.83$

est Single Poem，and came Second in the 2017 N ational Poetry Competition．Her debut pamphlet， Hurry of English，was selected as the 2018 Poetry Book Society Summer Pamphlet Choice．She is a Ledb Her debut collection will be published by Faber 2019．Mary Jean is a Lecturer in Creative Writing （Poetry）at Oxford Brookes University．\＆Fran Lock is the author of five poetry collections．Flatrock （Little Episodes，2011），The Mystic and the Pig Th ief（Salt，2014），＇Dogtooth＇（Out Spoken Press， 20 17），Muses and Bruises（Culture Matters，2017），an d Ruses and Fuses（Culture Matters，2018）in colla boration with artist Steev Burgess．Her next full collection，Contains Mild Peril，will be published by Out－Spoken Press next Spring．Fran is a post－do ctoral candidate undertaking a practice based PhD at Birkbeck University on the relationship between the epistolary form in contemporary poetry and the use of letters in therapeutic contexts．A Geraldin

## Required Expertise $=0.18$

］』＂No one ought to feel surprise at much rem aining as yet unexplained in regard to the origin of species and varieties，if he makes due allowanc e for our profound ignorance in regard to the mutu s．＂Darwin，leading the last paragraphs of the end of the introduction to the Origin，page 7．Poste d by John F．Ptak in Absurdist，Unintentional，Bad Ideas，Blank and Empty Things；A History of｜Perm alink｜Comments（0）｜TrackBack（0）\＃Tags：Darwi n，Descent of Man，Evolution $₫$ The Sublime Antiqua rian Art of Children，Part I A Among my favorite p laces in Washington，D．C．－－a place where I lived for 29 years－－are its cemeteries；in particular Ro ck Creek Cemetery，but more specifically，Congress ional Cemetery．Congressional is a big place，tuck ed away，sort of，away in Southeast D．C．－－that is if you can tuck away a 30 －acre piece of land．Cong ressional is an odd place，filled with many intere sting people；its filled with their actual remains and also their memories．There are many folks wh

Facts \＆Trivia $=1.52$
entities claiming to be a net－based AI workin g through a KGB website，seeking his help on how t defect．$\Perp$ Eventually，he discovers the callers a spiny lobster looking to escape from the California spiny lobster looking to escape from humanity＇s in terference．This leads Macx to team up with his fr
iend，entrepreneur Bob Franklin，who is looking fo iend，entrepreneur Bob Franklin，who is looking fo $r$ an AI to crew his nascent spacefaring project－th e building of a self－replicating factory complex $f$ rom cometary material．In the course of securing
them passage aboard Franklin＇s ship，a new legal p them passage aboard Franklin＇s ship，a new legal p recedent is established that will help define the rights of future Als and uploaded minds．Meanwhile
，Macx＇s ex－fiancee Pamela pursues him，seeking to ，Macx＇s ex－fiancee Pamela pursues him，seeking to get him to declare his assets as part of her job $w$
ith the IRS and her disdain for her husband＇s post ith the IRS and her disdain for her husband＇s post －scarcity economic outlook．Eventually，she catche her in an attempt to control him．a The second sto ry，＂Troubador＂，takes place three years later whe ry，＂Troubador＂，takes place three years later whe

Educational Value $=1.75$
．．larger notebook；and then the cahier pages wer many，usually）were made to the typescript＂Hundr many，usually）were made to the typescript．＂Hundr eds of carnets must have been filled，＂she says，a
nd the＂scribbled notes tell what she did，what sh e saw，what she thought，where she went，and how $s$ he worked，all interlocked in the service of compo sition．The details are literally true and the pro cess of writing is far more conscious and less spo ntaneous than has been thought＂（36）．The cahiers reveal that Stein often used them as a painter ld a canvas：＂Many manuscript notebooks are filled to the last line of the last page of the last cahi er of any one work．［．．．］Stein let space determine er of any one work．［．．．］Stein let space determine
composition＂（41）．Throughout her book Dydo turn $s$ to the carnets and cahiers to read the＂referent $s$ to the carnets and cahiers to read the＂referent
ial details［that］make it possible to follow，in a raw state，what was happening to Stein，what she did and what she thought＂（83）．And with her backg round as an editor of Stein，she has added footnot


## Required Expertise $=1.04$

y discovered laws of outer space are actually within us as well，and that a new mythology is imp licit in that realization．But what is this new my thology？How can we recognize it？Campbell explore s these questions in the concluding essay，＇＇The Way of Art，＇＇in which he demonstrates that metaph or is the language of art and argues that within $t$ orrows mythologies．＂＂［Back cover to the book＇The Inner Reaches of Outer Space：Metaphor as Myth and as Religion＇by J．Campbell］．a Strangely that sam e＇form＇［in reference to＇eight＇symbolism］when I aid in the＇horizontal＇position represents mathem atics＇infinite＇symbol．Hence the link to 6823．B oth＇numbers＇represented within the total＇whole＇ ，1．e．，［19］．The micro／macro within the collectiv e．［Nineteen represents；in part；the＇collective effort．See A．Schimmel books］．\＆A world wide con ng more genuine？Sense or years？Or maybe，somethi or not？Fact or fiction？ 60 0R 64 ＇＇eggs in ones

Table 30．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 15 （ $\mathbf{3 . 0 \%}$ ）trump，president，election，obama，party，said，house，vote，state．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style $=-1.37$ | Writing Style $=-0.51$ | Writing Style $=0.28$ |
| ed situation in Middle East，observes Free and Fair Election Network in its Daily Factsheet．Foll owing are key observations of the House proceeding $s$ during the fourth sitting of 18th session：Menbe rs＇Participation The National Assembly met for fo ur hours and 28 minutes；however，［．．．］a National A ssembly：Govt．Introduces Amendments for Services＇ Chiefs Appointment and Extension \＆ISLAMABAD，Janu ary 3，2020：The Minister for Defence introduced $t$ hree bills in the National Assenbly on Friday seek ing to amend the procedures for appointment and ex tension of armed forces＇chiefs and the Chairman J oint Chiefs of Staff Committee，observes Free and Fair Election Network in its Daily Factsheet．Foll owing are key observations of the House proceeding $s$［．．．］Missing Ministers Get Warning in National Assembly $』$ ISLAMABAD，January 2，2020：The Chair i $n$ National Assembly on Thursday issued warning to the government ministers，parliamentary secretarie $s$ and relevant government officials for ignoring $t$ | a But James Troupis，a private attorney hired by Fitzgerald，argued Thursday that the move is le gal，because the state Constitution allows each ho use to＂compel the attendance of absent members，＂ the Wisconsin State Journal reported，\＆In Indiana most House Democrats skipped Thursday＇s floor se ssions，extending their stay at an Urbana，Ill．，$h$ otel to a 10th day and preventing action on the bi es would start being assessed on Monday and be ded ucted from the salaries or expense allowances of $t$ he absent members．ARepublican House Speaker Bria n Bosma said he decided to seek the fines because the Democratic boycott had reached＂the point of a bsurdity．＂＂We ve tried every other means other than conceding to a list of demands and this is on e of the few items that we have as options，＂Bosma said．ARepublicans calculate that the absence of the Democrats has cost more than $\$ 250,000$ in taxpa yer money for the salaries and expenses of running the House during the walkout，which Bosma called＂ | move could leave several million people uncoun ted and cause California，Texas and New Jersey to lose seats in the U．S．House of Representatives． House districts are based on a state＇s population count in the decennial national census．\＆The chal lengers have said Trump＇s plan would dilute the po litical clout of states with larger numbers of ill egal immigrants，including heavily Democratic Cali fornia，by undercounting their true populations an $d$ depriving them of House seats．If California los es House districts，that likely would mean Democra ts lose House seats，benefiting Republicans．$A$ The re are an estimated 11 million immigrants living i n the United States illegally．Until now，the gove rnment＇s practice was to count all people regardle ss of their citizenship or imnigration status．The U．S．Constitution requires the apportionment of Ho use seats to be based upon the＂whole number of pe rsons in each state．＂\＆The challengers have argue d that Trump＇s policy violates both the Constituti on and the Census Act，a federal law that outlines |


#### Abstract

Facts \＆Trivia $=-1.23$ Never in history have I seen such a group of unelectable \＆undeserving candidates，Democrats \＆ Republicans，for US Presidential elections！』 I appreciated the Clinton Presidency（except for hi appreciated the Clinton Presidency（except for his sleazy behavior in the White House with Monica insky ）．I originally liked George W．Bush for insky ）．I originally liked George W．Bush for not being as slick as the Democratic candidates and be lieved it was time for change．I could not believe America elected Bush a second term and let him do so much damage to the USA and the world．I voted so much damage to the USA and the world．I voted in the second term so far Much that I dislike any of the Republican candidates，I truly cannot ike this woman，and would not trust her．I could s ake this woman，and would not trust her．I could $t$ their house in order．But with this non－stop dis $t$ their house in order．But with this non－stop dis play of being over－clever and actually doing more play of being over－clever and actually doing more and more stupid things，Hillary may become Democr ts＇liability if they keep all their eggs in her b ts liability if they keep all their eggs in her b murder（supposed suicide）of Vince Foster．They go


## Educational Value $=-1.69$

ery good at whatever she is called on，or volu teers，to do．She was an unethical member of the Watergate investigative staff，a less than distin of no consequence，and a Secretary of State with of no consequence，and a Secretary of State with upported her husband＇s efforts to conceal the bimb erruption by calling his later vindicated accuse rs a bunch of liars．She voted for the Iraq war wh en，based on her husband＇s knowledge of the truth， she should have known better．After Benghazi，she she should have known better．After Benghazi，she
failed to acknowledge the Al Queda planned attack when she knew the whole video story was nonsense． Her personal email system while SOS shows，at best ，a stunning lack of judgment，and，at worst，an i ntent to conceal a pay for play scheme funded thro ugh the Clinton Foundation．Without her husband le ading the way，she would likely be an attorney wit a big firm，making good money as a back room res earcher．She will almost certainly be our next Pre sident，thanks mostly to her husband and the comic

Required Expertise $=-1.31$
ce minister．of contention to be pushed into a nother position．is this a good thing？it clears u $k$ the president to take simultaneous steps to redu ce tensions．the new york city district attorney＇s office says it is opening a criminal investigation into accusations of as a glove use my new york att orney general eric schneiderman．four women have a ccused the wall street watchdog of violence in the article．he says he strongly contest the claims at but will resign at the end of business today．repu blican leaders have sounded the alarm over today＇s west virginia senate primary．they are worried abo ut a search by the former coexecutive，don blanken ship．he launched a racially tinged attack on the wife of mitch mcconnell．president trump tweeted hat blankenship cannot win the election against de mocratic senator joe manchin．global news 24 hours a day，powered by journalists and analysts in 120 countries．vonnie：thank you．coming up，the u．s． dollar rally continues before president trump＇s ir

Facts \＆Trivia $=-0.37$
．ng to fend off Russian aggression．［．．．］\＆The a gument，＇Why don＇t you just wait？＇amounts to thi s：Why don＇t you just let him cheat in one more el Why not let him have foreign help one more time？ Why not let him have foreign help just one more ti
me？That is what that argument amounts to me？That is what that argument amounts to．$[.] 』$. it．The President and his men say you can＇t kee p it．The President and his men say you can＇t keep
it and Americans should just get over it．American it and Americans should just get over it．American not by themselves，not without foreign help．$\AA$ For the Members of Congress，this is not a question of fact because the facts are not seriously contested ；it is rather a question of duty．The President＇s ；it is rather a question of duty．The President＇s but the articles put forward today give us a chanc but the articles put forward today give us a chanc e that our oath means something to us．a Bolding a dded．Full transcript below．\＆Transcript of Speak er Pelosi，Committee Chairs Announcing Articles of Impeachment $₫$ Washington，D．C．－Speaker Nancy Pel

Educational Value $=-0.87$
him．Unlike every other major GOP figure in $m$ lifetime，he has not caved－in to media－generated waves of criticism，but rather turned his opponent $s^{\prime}$ fury against them，using the（borrowed）express ion＂fake news，＂often supplementing it with the e ven more inflammatory expression，＂enemy of the pe ople．＂And it has worked．［．．．］The media＇s hyster a has firmly established them as unfair bullies i ty of Americans．Like Godzilla drawing power from the hi tension electric lines he crossed，the main stream media is energizing Trump＇s support．a Left Says Dial Down Rhetoric As They Get More Hateful． The left－Democrats and media－have predicted e fall of Donald Trump as they tried to take him d own from before he was even inaugurated．Everythin g was a bombshell that would finish him．\＆The med ia encourage violation of the law．$\$$ ．The liberal media are pushing for a quiet coup to get Presiden Trump removed from office．Right after President Trump made a few admittedly goofy comments in his
ing to The Star Online．$』$ The president has be en spouting erroneous statements on everything fro ons as strategists predict a potential blue wave a the polls this November．Generally，Democrats ar expected to flip 23 seats to regain control of he House，while Republicans are predicted to main ain a majority in the Senate．This week alone，T rump falsely told The Wall Street Journal that his administration＇s unpopular trade tariffs on steel and aluminum don＇t actually exist while also takin g the lead in crafting the unsubstantiated claim hat a migrant caravan heading to the U．S．is full of＂unknown Middle Easterners＂and that Democrats are to blame．He＇s also professed that Republicans will pass a new tax cut before the midterms even hough Congress has already adjourned until after lection Day．\＆Here are some of the biggest lies hat Trump is spreading ahead of the midterms：$₫$ ed that＂criminals and unknown Middle Easterners a

Facts \＆Trivia $=0.42$
involving the two leaders，but Obama and Karza did not appear in that room at the palace．Despi e the U．S．urgings for more transparency in Karza i＇s government，the two presidents took no questio official meetings．During the trip the white House said，Karzai accepted an invitation from oba ma to visit Washington on May 12．』 Karzai and U．S officials have had a difficult and prickly relat ionship，with the U．S．chafing at widespread repor ts of rampant corruption in the Afghan leader＇s go vernment，as well as at his tendency to embrace rlords accused of human rights violations and drus trafficking．For his part，Karzai has suggested th trafficking．For his part，Karzai has suggested th
at U．S．officials don＇t appreciate the challenges at U．S．officials don＇t appreciate the challenges a fractious country．Obama has promised to start w ithdrawing U．S．troops by July of next year－a pr omise that may only be fulfilled if the Afghan gov ernment can demonstrate greater competence in both the military and the civilian realms．$₫$ White Hous

Educational Value $=-0.02$
．．aw，including via incorporation into other mea sures，in 2017．Keep in mind that it takes a law $t$ 0 repeal a law．Very few bills ever become law．Vi
ew Enacted Bills $\#$ Those bills were：S．430：Int ermediate－Range Nuclear Forces（INF）Treaty ermediate－Range Nuclear Forces（INF）Treaty ．． ；Senate Republicans（33rd percentile）；All Senato ＇s（49th percentile）．The legislator must be the primary sponsor of the bill or joint resolution th at was enacted or the primary sponsor of a bill or joint resolution for which at least about one thir d of its text was incorporated into another bill o $r$ joint resolution that was enacted as law，as det ermined by an automated analysis．While a legislat or may lay claim to authoring other bills that bec ame law，these cases are difficult for us to track quantitatively．We also exclude bills where the sp onsor＇s original intent is not in the final bill． $a$ Most bills and resolutions languish in committee without any action．Cotton introduced 1 bill in 20 17 that got past committee and to the floor for co

Writing Style $=1.08$
．．．＂I am hopeful they can deal with more than one issue at the same time．＂＂The group has already $r$ eleased an open letter to Congress and the white spect＂the God－the group presses Congress to re spect＂the God－given dignity of every person and estabship for those who qualify and wish ar zenship for those who qualify and wish to become $p$ ermanent residents．＂＂As evangelical leaders，we live every day with the reality that our immati on system doesn＇t reflect our conmitment to the va lues of human dignity，family unity and respect fo $r$ the rule of law that define us as Americans，＂th e letter states．＂Initiatives by both parties to a dvance commonsense fixes to our immigration polici es have stalled in years past．＂\＆ince the group ng and placing people in three ave been fundraisi lorida and Texas，to lay the groundwork with local lorida angelical leaders and politicians．By making the evangerlcal leaders and politicians．By making the se early investments，coalition leaders hope there
will be a highly reactive group of evangelicals re

## Facts \＆Trivia $=1.27$

existent）fraud，championing measures that mak e it harder to vote，tolerating－if not fomenting－m assive Russian interference in tidenti al election，encouraging mob violence at rallies， and constantly casting doubt on the legitimaw and constantly casting doubt on the legitimacy 0 felections unless he wins．＂\＆17．Both attack the judiciary and rule of law．＂Hitler politicized a system．Trump also seeks to turn the American just system．Trump al so seeks to turn the American just
ice system into his personal playground，＂＂Like ice system into his personal playground，＂cike
Hitler，Trump threatens the judicially enforced ru Hitler，Trump threatens the judicially enforced ru le of law，bitterly attacking American judges who rule against him，slyly praising Andrew Jackson fo
r defying the Supreme Court，and abusing the pardo n power by pardoning an Arizona sheriff found guil n power by pardoning an Arizona sheriff found guil deral court orders to cease violating the Constitu tion．$" 』 18$ ．Both glorify the military and demand loyalty oaths．a＂Like Hitler，Trump glorifies the military，staffing his administration with layers

Educational Value $=0.92$
．．．d to address the immediate refugee and humanit arian issues on our border with compassion and gen erosity，not with the mean－spirited，＂punish the $v$ ictim approach that has characterized recent effo rts．A＂Neighbor to Neighbor＂program that integ eed for Central Americans to flee their home count eed for Central Americans to flee their home count
ries would ultimately pay for itself in increased economic activity and tax revenues，as well as red uced costs of processing and imprisoning refugee $f$ amilies．』It would surely be far less expensive $t$ han our decades－long investment of billions of dol lars and thousands of human casualties－military and civilian－in the Middle East，with a potentia 1 autcome far more tangibly beneficial to America＇ S national interests．$₫$ President Trump Donald Joh n TrumpCNN＇s Camerota clashes with Trump＇s immigra tion head over president＇s tweet LA Times editoria 1 board labels Trump＇Bigot－in－Chief＇Trump compla ins of＇fake polls＇after surveys show him trailin uliple Democratic candidates MORE＇s treatment

## Required Expertise $=0.83$

tack，fueled by allegiance to ISIL；make no mi stake ．．．this was first and foremost a hate crime． Mateen＇s hatred of gays was well know，even to his elder Mateen．a For Donald Trump，Sunday＇s mass sh ooting in Florida was a moment to redouble his cal 1 for tougher action against terrorism and to take credit for＂being right＂about the threat．For Hil lary Clinton，it was a time to reiterate her call for keeping＂weapons of war＂off America＇s streets ．And then later Clinton proclaimed，＂For now，we can say for certain that we need to redouble our e fforts to defend our country from threats at home and abroad．＂It seems like this disaster was an op portunity to reinforce political ideologies．But i n both cases－it was＂us versus them＂whomever th em may be．Of the statements from Montana＇s congre ssional delegation，none mentioned the shootings $h$ appened at a gay bar or that it was a hate crime． All three mentioned terrorism however．$\AA$ I don＇t ish to discuss Trump＇s misdirected xenophobic blam
．far as the American ruling elite are concerned The trouble is，however，that despite the massiv e campaign to discredit Trump his poll support rem ains stubbornly close to Clinton＇s．© The latter h as been tainted with too many scandals involving a called por sleazy dealings with Wall Street，so －called pay－for－play favors while she was former verseas wars for，and her penchant for inciting 0 orist foot－soldiers chy News only days ago put it：＂Majority of voters think Clinton acted illegally，new poll finds＂． Trump is right．The US presidential election is igged＂．Despite handwringing condemnations by pund its，it seems obvious that the system is heavily s tacked against any candidate who does not conform with the interests of the establishment．The massi ve media－orchestrated campaign against Trump is te stimony to that．But such is popular disgust wit h Clinton，her sleaze－ball husband Bill and the Wa shington establishment that her victory is far fro

Table 31．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 16 （ $\mathbf{2 . 9 \%}$ ）movie，series，episode，season，tv，story，like，man，characters．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Styl | Writing Style $=-0.39$ | Writing Style $=0.61$ |
| distant from the media．\＆Hypnotist Sappho Twi tter $』$ On Twitter，she goes by the deal with＠Hypn otistSappho．She has practically 2,000 followers n Twitter and has been lively since September 2021 However，she is neither lively or accessible on Instagram；she simply has a Twitter account．\＆She Quoted：If a non－human has a need to have a sexual interplay with a human，whether or not social or $f$ or pleasure，that＇s morally okay．If that non－huma $n$ is impaired in any manner by way of bodily or by sedation，it＇s irrefutably unsuitable as a result of it impairs their will．a－Sappho 弓 ？？？？MFF？ ？？？（＠HypnotistSappho）November 27， $2021 』$ This wa s the final tweet that was set to be Posted by Her It is thought that Hypnotist Sappho＇s Twitter ac count has been suspended and is at present inopera ble．A Hypnotist Sappho Net value and Wikipedia es Her web value has been reported to be $\$ 1$ million b $y$ sure internet publications．It is secure to imag ine that as a Youtuber，she has amassed a large we b value．She has amassed huge recognition and fame | g entertainment，companionship，and community to a city on the verge of powerful change＂．The Jo y Boys show played on WRC until 1972 when they mov ed to cross－town station WWOC 1260 AM（now Talk－WW RC）for another two years．Scott wrote in his book The Joy of Living，of their close professional a nd personal bond，saying that they were＂closer th an most brothers＂．\＆n late 2015，Walker was diag nosed with cancer and retired from The Big Broadca st on non－com WAMU－FM in DC to focus on his health and spend more time with his family．His last show aired from 7：00 to 11：00 PM on October 25，2015．I $t$ was recorded the week before from his room at Si bley Memorial Hospital where he had been receiving treatment．He died just three hours after that las t broadcast concluded．a－In 2003．．．Dixie Chicks singer Natalie Maines told an audience in London， ＂Just so you know，we＇re ashamed that the Presiden t of the United States is from Texas．＂That unleas hat included radio stations banning their music an | e which of them will ascend to the Heaviside L ayer and get a new life．\＆The intensity of emotio ns swirling around the show spiked in July，when he first trailer for the movie adaptation dropped Its freakish overall look－weirdly scaled creatur es that seem either too small or too big for the s etpieces around them；some sporting very human bre asts，like some bizarre human／feline hybrids－spa rked a largely horrified response on Twitter，incl uding，from＠KristyPuchko，＂My brain has melted．M y eyes are bleeding．There is no god．＂And from＠j acksfilms，＂just watched the CATS trailer．how do i unvatch the CATS trailer．＂a Some saw hope in th e largely unified response：＠immollG tweeted，＂The day the Cats（2019）trailer came out was the close st we＇ve ever come to achieving world peace．＂Ther e also were a number of videos in which real cats recoiled from the video．A Another burst of attent ion came as part of the publicity for a new biogra of Elaine Stritch，＂in which author Alexandra Jaco |


#### Abstract

Facts \＆Trivia $=-1.38$ ．．o cute！\＆Fun＿Run says：\＆I loved Andy and Jim ／Pam but please，PLEASE tone down Michael．』CH sa ys：a Loved Dwangela，and I was happy Jim got to w ys：A Loved Dwangela，and I was happy Jim got to w in one．Michael，however，was a total jerk this we in one．Michael，however，was a total jerk this we ek．Not in the good way．It was painful．a But was n＇t the point of the job fair interview that Pam h n ＇t the point of the job fair interview that Pam $h$ ad none of the credentials necessary for an entry ad none of the credentials necessary for an entry level job in her field？ari1212 says：a feel 1 ike Jim and Pam＇s move to NYC（if it does happen a nd I can see it happening with tonight＇s last scen e），will really affect the balance of the show．I mean，the whole premise of the office is the inter action between office workers．You take 2 of the mo st important employees out of the actual office，a nd you don＇t have much left．（Although everyone el nd you don＇t have much left．（Although everyone el se in the office is amazing）$₫$ Dwigt says：$₫$ Hoo b f dissent here，because I thought this was one of the worst Office episodes yet．I got a chuckle out the＂orst Office episodes yet．I got a chuckle out of＂My work was finished months ago．＂and that＇s ．Bored me to tears，and I don＇t care about any


## Educational Value $=-1.93$

F offer on Heat before the biggest PPV of Sept ember 1998？\＆Originally broadcasted，live，from the home of WWF Breakdown，the Copps Coliseum in $H$ amilton，Ontario，Canada．Shane McMahon and Jim Co nette are on commentary，unless otherwise noted． ey are unsure of why it＇s there．a－Mr．McMahon，
ey ey are unsure of why it＇s there．A－Mr．McMahon，
along with Stooges Pat Patterson and Gerald Brisco long with Stooges Pat Patterson and Gerald Brisco
makes his way to ringside to adress the audience makes his way to ringside to adress the audience
He wants to apologize to Ken Shamrock，The Rock and Mankind for their Triple Threat \＃1 Contender＇s Match being interrupted due to the intereference f The Undertaker and Kane．Vince washes his hands on the situation，and offers them another shot at the \＃1 Contenders spot，but this time it will take place inside of the ominous Steel Cage．Not a bad way to try and hook on－the－fence people to order he show．Personally，I＇ve only ordered ONE PPV in my life by being swayed with less than an hour bef ore it was to broadcast（that would be the 1998 Ki

## Required Expertise $=-1.89$

petitors Turn Outdated Estate Into Castle in S＇s New Reality Series＇The Mansion，＇Premiering OcT． 2 a Ray Liotta Checks Into＇Er＇a Jeopardy！， America＇s Favorite Quiz Show，Premieres 21st Seaso $n$ on September 6th， 2004 a For Any Successful Woma $n$ Who＇s Screamed＇Ivana Young Man＇－It＇s Ivana Tr ump to the Rescue a Mischa Barton，Jimmy Kimmel an
d Chris Noth Confirmed as Presenters for the 56th Annual Primetime Emmy Awards on Abc $\leadsto$ The WB＇s Thu rsday Line－Up to Kick Into Gear on October $7 \mathrm{~A} O n$ Thursday，September 9，the WB Will Be All Blue Col lar All the Time as a One－Hour＇Blue Collar TV＇Sp ecial Will Be Followed by Bill Engvall＇s Comedy Sp ecial，＇Here＇s Your Sign＇\＆Pat Croce：Moving In＇ Premieres September $13 』$ The Premiere of the Emmy Award－Winning＇The Amazing Race 6 ＇Moved to Saturd ay，OcT．2，8：00－9：00 Pm Aig Brother 5＇to Evict Two Houseguests Week of AuG． 30 Bravo＇s Third In stallment of＇Backspin＇Traces Jennifer Aniston＇s Career Back to Its Roots a Jason Bateman，Zach Bra ff and Amber Tamblyn Confirmed as Presenters for

Facts \＆Trivia $=-0.49$
．Guppies＂（\＃5）．』Original Nickelodeon Press Re lease：a NICKELODEON IS TOP－RATED TOTAL DAY NETWOR FORrams in September with Kids $2-11$ and Kids $2-5$ ． rograms in September with Kids 2－11 and Kids 2－5； a NEW YORK－Sept 30， 2014 －Nicke the Quar er NEN YORK－Sept．30， 2014 －Nickelodeon was the top－rated total day network for the 3014 with
Kids 2－11（2．4／748K）；and among total viewers，the Kids 2－11（2．4／748K）；and among total viewers，the network averaged $1.4 M$ P2＋this quarter．Additional 1y，the network won the month of September with Ki
ds $2-11$ ，averaging a $2.0 / 636 \mathrm{~K}$ with the demo，as we 11 as securing 1.2 M total viewers．$\AA$ With Kids 2－1 11 as securing 1.2 M total viewers．With Kids $2-1$ es with a 3．7／1．2M in September．$\uparrow$ In preschool fo $r$ the quarter，the network landed three of the top four preschool series with Kids 2－5 including PAV Patrol（\＃1），Team Umizoomi（\＃2）and Dora and Frien ds（\＃4）．Additionally，for September，Nick secured three top－five programming spots with preschoolers with PAN Patrol（\＃1），Dora and Friends（\＃3）and Bu Ne Guppies（\＃5）．Nickelodeon，now in its 35t

Educational Value $=-1.07$
$\therefore$ He is in contact with．．．』 Digimon Adventure ast Evolution Kizuna（2020）』The team discovers eir Digimon will come closer to an end．They reali ze that the more they fight，the faster their bond breaks and the time to choose is approaching fast $\ldots ゅ$ Cats \＆Dogs：The Revenge of Kitty Galore（20 10）$\AA$ In the age－old battle between cats and dogs， one crazed feline has taken things a paw too far kitty Galore，formerly an agent for cat spy organ zation M．E．O．W．S．，has gone rogue and hatched a di abolical plan to not only．．．a Lara Croft：Tomb Ra ider（2001）The orphaned heiress and intrepid ar chaeologist，Lara Croft，embarks on a dangerous qu est to retrieve the two halves of an ancient artef act which controls time before it falls into the w rong hands．As an extremely rare p．．．a Charisma（ 1999）A seasoned detective is called in to rescu e a politician held hostage by a lunatic．In a bri ef moment of uncertainty，he misses the chance for
cious to drink but ultimately kicks you in the ass by the end of the night and leaves you with a stomach ache the next day．al Morrissey Plays direc tor and cast drinking at PianoFight after the firs about your next project！a ANDREW：Catch me in Feb ruary＇s Theater Pub show，OVER THE RAINBOW：The to tally obviously true story of how Lisa Frank wande red into a magical rainbow realm，setting her on he path to becoming the ironfisted CEO of Lisa Fra nk，Inc．I＇m also co－hosting the next installment of Saturday Write Fever on Feburary 13th at the Ex it Cafe！a CAITLIN：Stay tuned！』 KITTY：I don＇t admittedly have anything going on acting wise，I m continuing to assist the wonderful Brooke Jennin gs in costuming for Custom Made Theatre and hope o dive back into auditions as soon as possible． You have two more chances to see the show so mark those calendars！Monday and Tuesday at PianoFight （144 Taylor St，San Francisco，California 94102） $\leadsto$ Leave a comment Posted in Uncategorized Tagged

Facts $\boldsymbol{\&}$ Trivia $=0.30$
．．$n$ in tights are not only terrible people but Iso terrible parents．Welcome to DADDY ISSUES－C0
IICS＇WORST FATHER FIGURES． ier．For many years the absolute paran lof ier．For many years，the absolute paragon of goodn
ess and morality in the world of Marvel Comics and the 616 universe．But after the mid 90 s and the and the 616 universe．But after the mid 90s and the On slaught miniseries where he creepily stole all of Magneto＇s memories and traumatised him even more with a dark side＂Xavier．Many creators have looke dinto Xavier＇s complex and powerful mind trying into Xavier＇s complex and powerful mind，trying to work out what makes him tick．Yet few have look e need to train adolescents and turn them into th ld soldiers for a war that he almost single－handed ly created by having a fight with his BFF，Erik Le hnsherr．A Now，sure，I＇m being reductive．But let ＇s recap：X－Men was originally written as an（admi ttedly very basic）civil rights analogue，in one f comics＇many well meaning but badly executed ide s，with the series as one of the longest running

## Educational Value $=-0.25$ <br> the mob（in her letter，she lied to Bruce by saying she was＂too young＂and＂needed time＂）．Yea rs later，Audrea reappeared in Gotham shortly afte the costumed murderer known as The Phantasm star rsona to kill off the same mob that killed her fat her and prevented their potential happiness．After an intense battle with The Joker，she disappeared with the lunatic and left a locket with a picture of her and Bruce in the Batcave，leaving him heart broken．$₫$ Many years later，Andrea would later be recruited by Amanda Waller as part of Project Batm an Beyond to kill young Terry McGinnis＇s parents $t$ 0 mirror Bruce＇s trauma and create a new Batman， ut at the last moment she refused to out of respec $t$ for Batman and his unwillingness to resort to mu rder．This convinced Waller that if she wanted to honor all he stood for，neither could she．ASelin a Kyle，$A$ Batman close to Catwoman．』Bruce＇s most irstenconter，both wisessed strong feelings

on his return to the United States in 1961，Be ns quickly became one of the most sought after so ngwriters，producing over 50 hits before his death seven years later．Following a man living on＂borr owed time，＂Piece of My Heart poses the age－old qu w＇s success lies in its variety，both musical and theatrical．With hits ranging from＂I Want Candy＂ to＂Are You Lonely for Me，Baby，＂Berns＇vast and diverse repertoire provides prime material for ada ptation．Bookwriter Daniel Goldfarb uses his incom parable imagination and keen eye for structure to weave together song and story seamlessly．Likewise ，the show＇s long list of orchestrators and arrang ers（Garry Sherman，Lon Hoyt，Adam Ben－David，Brya n Crook）transform these radio hits into theater s howstoppers without sacrificing their musical inte grity：＂Up in the Streets of Havana＂sizzles with －atin flair while＂Cry Baby＂soars as an 11 o＇cloc k ballad．a Teal Wicks and Zak Resnick in a scene from Piece of My Heart：The Bert Berns Story（Phot

Writing Style $=1.62$
he pen of Steve Thompson，but having said that this is the kind of story I can imagine myself ret urning to in future and going＇Haaaaang on a minut e．．．about．Viewing it the first time，the rush and
surprise of it do a very good job of papering over surprise of it do a very good job of papering over the holes in the narrative，but I don＇t think that hand the Hand ing of Sherlock＇s celebrity other hand，the handling of Sherlock＇s celebrity was int elligent ack I ack，I enjoyed the nod to Moriarty s steaning－the－ vie And －obsessives spotted the presence of the 92 －year－ol d Douglas Wilmer in a cameo wilmer havin 1 d Douglas wilmer in a cameo role，Wilmer having pl ayed Holmes for the BBC nearly 50 years ago？In it cks of years gre by are still with us．Benedict Cumberbatch＇s Holmes remains a going concern，of Cumberbatch s Holmes remains a going concern，of $c$ n it came to the climax of the series．The real fi

## Facts \＆Trivia $=1.23$

Incredible Hulk，UPN， 1996 a（From comic book s）Spider－Man：The Animated Series（animated）， 200 $2 』$ Television Episodes $』$＂A Monster among Us，＂Th e New Fantastic Four（animated；also knownas The F abulous Fantastic Four and The Fantastic Four），NB C， $1978 』$（With Gerry Conway and John Semper）＂Nig ht of the Lizard，＂Spider－Man（animated）Fox， 1994 a（Story only；with Avi Arad）＂The Alien Costume：
Part 1，＂Spider－Man（animated）Fox， 1995 Also wr Part 1，＂Spider－Man（animated）Fox， $1995 \Perp$ Also wr ote＂The Menace of Magneto，＂＂Medusa and the Inhum ans，＂The MoleMan，＂＂The Fantastic Four Meet Doct
or Doom，＂＂The Final Victory of Doctor Doom，＂＂Bla or Doom，＂＂The Final Victory of Doctor Doom，＂＂Bla
starr，The Living Bomb Burst，＂and stories for＂Th e Phantom of Film City，＂＂The Diamond of Doom，＂＂ e Phantom of Film City，＂＂The Diamond of Doom，＂＂T
he Frightful Four，＂and＂The Impossible Man，＂all e pisodes of The New Fantastic Four（animated；also pisodes of TheFabulous Fantastic Four and The Fantas known as TheFabulous Fantastic Four and The Fantas
tic Four），NBC．$A$ Television Music $』$（Lyrics）Defe nders of the Earth，syndicated， $1986 』$ The Mighty Thor，Lancer Books， $1966 \pm$ Spider－Man Collector＇s Thor，Lancer Books， $1966 』$ Spider－Man Collector＇s
Album，Lancer Books， $1966 』$ Origins of Marvel Comi

Educational Value $=0.67$
$13 \%$ ．Since women make up half of the world＇s population，an eighth is an unacceptably low propo rtion in my eyes，so I made a list of my own．a Ev en Achilles knows that women are an integral part of the world．a Notes on my list：1）it＇s novels o nly（no anthologies），2）in a random order，3）wit
h no double entries（otherwise I＇d include also Je misin＇s The Inheritance Trilogy），4）and I include not only a variety of flavors within the fantasy $g$ enre but also historical fiction．Moreover，5）I＇v enre but also historical fiction．Moreover，5）I＇V to－me authors whose works sound intriguing．Finall $y, 6$ ）the conmon denominator is（like in the Game y， 6 the common denominator is（like in the Game
of Thrones）the presence of power struggles of var of Thrones）the presence of power struggles of var
ious sorts，negotiation of identities，and surviva 1．a1．Ursula K．Le Guin．The Earthsea cycle（A W izard of Earthsea；The Tombs of Atuan；The Farthes $t$ Shore；Tehanu；Tales from Earthsea；The Other Wi nd）Aspects of identity examined in an island－ba sed early medievalesque world with magic and lots

## Required Expertise $=0.38$

odify．Postpositions are the only type of adpo sitions present in Atlantean．Modal verbs follow $t$ he verbs they modify and also take on all personal and aspectual suffixes．In contrast，adverbs come before the verbs they modify．An interrogative par ticle is also utilized in Atlantean；however，the formation of questions does not affect the word or considered one of the movie linguist archetypes considered one of the movie linguist archetypes．H t ，but the film is still delightful and there were some additions，like the question of the accent th at were appreciated as a linguist．Some of the thi ngs about Atlantean mentioned in this movie，like that the language has existed without change since 100,000 B．C．is very unrealistic even if this soci ety has existed in isolation since 100,000 B．C．If you haven＇t seen Atlantis：The Lost Empire I highl y recommend it．a Here at The LINGUIST List we are dedicated to providing you，our readers and subscr ibers，with knowledge of all things linguistic．Th

Table 32．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． $17 \mathbf{( 2 . 9 \%}$ ）students，school，education，student，schools，college．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5th percentile | 30th percentile | 70th percentile | 95 th percentile |
| :---: | :---: | :---: | :---: |
| Writing Style $=-1.11$ | Writing Style $=-0.13$ | Writing Style $=0.70$ | Writing Style $=1.45$ |
| you are surely on way to success．Victory and success doesn＇t come very easy to anyone but for o ur customers，being successful in their online CAS －002 CompTIA CASP cbt is an uncomplicated task．We provide CAS－002 latest cbt and latest CAS－002 samp le practise test simplify the studying process and help in preparation．Learning should be done alway s for your CAS－002 online cbt．This is the tough e xam for all students and many find lots of difficu lties．Some fail due to confusions．We are not her e to scare you but aware you from its difficulties so finish them up by using online CAS－002 ComptiA Advanced Security Practitioner（CASP）CompTIA exam engine and CAS－002 CompTIA CASP updated demo quiz． engine and CAS－002 ComptiA CASP updatea demo quiz CompTIA CAS－002 CASP test questions and answers and CompTIA CASP CAS－002 latest exam papers are he re to lessen your tension related to CAS－002 updat ed cbt because they really assist you in understan ding things．They produce replicas of our stuff．S 0 why not buy the original one．CompTIA Advanced S ecurity Practitioner（CASP）online exam questions | d sororities．\＆7．University of Pennsylvania <br> a Photo：University of Pennsylvania \＆The Universi ty of Pennsylvania is a private institution that w as founded in 1740．It has a total undergraduate e nrollment of 9,872 （fall 2020），its setting is urb an，and the campus size is 299 acres．It utilizes a semester－based academic calendar．University of Pennsylvania＇s ranking in the 2022 edition of Best Colleges is National Universities，\＃8．Its tuition and fees are $\$ 61,710$ ．a The University of Pennsylv ania，located in Philadelphia，was founded by Benj amin Franklin．The Penn Quakers have more than 25 NCAA Division I sports that compete in the Ivy Lea gue and are noted for successful basketball and la crosse teams．Penn offers housing in more than 10 College Houses，but many students live in the nume rous off－campus apartments and houses available．M ore than 25 percent of the student body is involve d in Greek life，which encompasses nearly 50 frate rnities and sororities．The school also offers a number of clubs and organizations，ranging from pe | rrent education issues，plus plenty of advice on how to run a strong，effective PTA．\＆p to now Our Children was directly available only to PTA leaders．Although many of our leaders regularly ma ke copies of articles and hand them out at meeting s ，we want to make sure every member can rely on u $s$ for timely，relevant information．ato better se rve all our members and the public at large，Our $C$ hildren magazine is now available in a digital edi tion at PTA．org that is open to everyone free of c the print issue，but it will also contain bonus co ntent，with e－mail links and live URLS that lead t o even more resources．The digital edition is easy to navigate；it allows you to skip through pages $t$ hrough the table of content and to share informati on with your social media networks with a click of a button．a We＇re excited about Our Children＇s new digital format，and we invite you to visit PTA．org ／pta＿magazine．asp to see for yourself！\＆The lates t Our Children issue is available now！The October | cation I was so fortunate to receive at Spertu <br> s，and specifically in Dr．Lewis＇Leadership cours e，has enabled me to not only be a Jewish leader， but to constantly and conscientiously work towards leading Jewishly．Fern Katz Early Childhood Ed ucation Director a Sinai Preschool，Chicago Sinai Congregation A Sid Singer says $\&$ Dr．Lewis is not one to back away from a good＂machloket＂；he often exhorts his students that a board room without arg ument reflects an unhealthy organizational culture where no one challenges assertions．However，the J ewish values Spertus embodies also teach that a ma chloket should be conducted＂1＇shem shamayim，＂as Pirkei Avot states，in fairness and for noble purp oses．alike the other MAJPS alumni who have alrea dy posted responses，the MAJPS program broadened $m$ y professional skills and my understanding of comm unal work and its historical roots in Judaism（e．g ，Dr．Lewis＇s teachings about the separation of $p$ owers between priests，prophets，and kings）．It al so gave us the credentials needed to grow our care |

## Facts $\boldsymbol{\&}$ Trivia $=-0.96$ <br> ．ainant．However，it has to be recognised that sometimes it may only be possible to establish fa ts and make recommendations that will satisfy the complainant that their complaint has at least been taken seriously．What if the complaint concerns a governor？a The matter should still be referred a governor？$A$ The matter should still be referred to the Chair of Governors who will investigate the complaint．If the complaint is about the Chair of complaint．If the complaint is about the Chair of Governors，the complaint should be referred to the Vice－Chair or Governing Body Complaints Panel as a Vice－Chair or Governing Body Complaints Panel as ppropriate．$\AA$ The Advice and Conciliation Service ppropriate．$\$$ The Advice and Conciliation Service is an impartial Service based within Children and is an impartial Service based within Children and ers and agencies become more responsive to comment ers and agencies become more responsive to comment ents and carers，young people and other service us ents and carers，young people and other service us ugh mediation and to promote conciliation towards resolving difficulties．AThe Service offers suppo rt to parents and carers who are dissatisfied with the service they have received from the Children a

## Educational Value $=-0.36$

irit．Knock it out of the park with Cherokee at front shorts and layered pique polo shirts mad e for both boys and girls．These long lasting stap fect addition to your gear．Represent your school colors with mix and match socks and colorful sweat colors with mix and match socks and colorful sweat sic by sliding into a varsity jacket over a Cherok ee oxford shirt．From home room to gym class，Cher okee is always ready for the big game！a Tradition l uniform attire gets an update with classically cool essentials．Girls can accentuate with lady－1 e feminine flair．Opt for dresses and skirts and add girly details．The Cherokee drop－waist knit ju mper is a fresh take on tradition，especially when layered over a smart blouse with frilly bow．Crea layered over a smart blouse with frilly bow．Crea e printed tights and add a dainty patterened bag a nd floppy hat．Young gentlemen will dress to impre ss in menswear staples like the Cherokee boys＇uni form blazer．Over a solid polo，the look becomes

| Req | Required Expertise $=-0.57$ |
| :---: | :---: |
| annah M．』Kolin S．and Andrew M．』The librar y is a busy place！Reagan B．，Gage A．，Savannah M． Micayla R．，Kayla K．（sitting）and Melody C．（si tting）All packed and ready to go！$\Perp$ CRHS Januar y Eagle PRIDE Awards afifth Graders Use WordArt a Mrs．Deb Henkes，Clayton Ridge Technology Coach $A$ The fifth graders in Mrs．Lawrence＇s classes recen tly created word clouds to help clarify their unde rstanding of the character＇Brian＇in the book＂Br ian＇s Winter＂by Gary Paulsen．$₫ \mathrm{~A}$ word cloud is a n image or representation composed of words used i n a particular text or subject，in which the size of each word indicates its frequency or importance Word clouds can help students identify trends an d patterns that would otherwise be unclear or diff icult to see in regular text format．a Students id entified words describing Brian＇s character and cr eated the word clouds with their laptops using the site WordArt with the help of Mrs．Thomas．Student s then used Google Drawing to create visually impa ctful pictures illustrating their representation a | e wastefulness of the policy at the Lewes scho ol Female students argued they should be allowed to choose what to wear to attend classes $\Perp$ The pro test against changes to uniform rules meant dozens of girls were barred from entering the school afte $r$ arriving in skirts．$\Theta$ Angry parents gathered at the gates said the school was being unreasonable． $\leadsto$ One eyewitness told MailOnline：＇The police were helping to enforce who was appropriately dressed a nd who was not．』＇It was like they were bouncers they waved some through and stopped others．』＇W hat a total waste of police time．＇$\leftrightarrows$ Cressida Murr ay，whose daughter Libby organised a petition agai nst the uniform change said the school is not list ening to their concerns．\＆＇They are hiding behind the gender neutral thing．This is just about not w anting boys to wear skirts．\＆＇They are saying it＇ $s$ about girls rolling up their skirts but they＇ve always done that．$\ddagger$＇They keep changing the unifor m and are not listening to the parents．For a lot of the pupils it＇s about climate change．＇They d |

## Facts \＆Trivia $=0.63$

lopment of a child＇s creativity is vital to be coming an accomplished adult，who knows how to mak e strong choices and build the life he desires． How does a child adapt to the traditional French chool system after finishing the Montessori 3 to cycle？\＆The strengths developed by the children n a Montessori class become a part of them for lif now other＇s limits，develop their willpower，conce now other＇s limits，develop their willpower，conce ntration，autonomy，a sense of responsibility and self－control．All these qualities create a strong base on which to build in a new school system．© hildren naturally want to socialise and have frien ds of all ages．The notions the children have lear ned through hands－on，sensorial material will now be taught in theory．How wonderful to hear teacher ipeds that they have already touched and manipulat ed in a Montessori kindergarten！Theoretic lessons become all that much more interesting because the children have a clear idea of what they are being

## Educational Value $=1.63$

$\ldots$ in October 1975 when Public Law 94－105 mandat ed that students in high school would not be requi red to accept offered foods they did not intend to consume．At the middle school and elementary level $s$ ，the policy is optional and it is up to each ind ividual district to decide whether they wish to ex evel．Spring Branch Food Service Department has ted to extend offer vs．serve to include the eleme ntary and middle schools．a No．The purpose of the offer vs．serve program is to．reduce plate waste a nd allow students a choice in what they wish to ha ve for lunch．The student may take everything if $h$ e desires；as a result，there is no reduction in pr ice．$屮$ The intent of the National School Lunch Pro gram is to provide nutritious and low cost meals $t$ 0 children．Since this program is for children，th ere is no federal assistance for meals served to dults．Therefore，the adult meal charge has to be at least a combination of the basic reimbursement

## Required Expertise $=0.20$

chool．Now，I teach a variety of classes，incl ding vocational／career counseling，practicum，con sultation，and ethics．I also research career deve oring，leadership）and the connection between work and well－being．Work affects our lives in many way s．It can help ameliorate stress or can increase s tress．For some，careers can give our lives meanin g．For others，work provides a means to live．What role does work play for you；how important is it i n your life？While work helps give meaning，self－c are and having balance are important too．In my fr ee time，I run，bicycle，bake，and travel（or some times just sit on the couch and watch TV）．a Zanar delli，G．\＆Nave，A．（2016）．Empirical evidence an d applications of motivational interviewing in den tal hygiene．Evidence Based Practice in Dental Hyg iene．$\Perp$ Zanardelli，G．，Sim，W．，Loughran，M．J．，M annarino，M．B．，\＆Hill，C．（2015）．Career paths an d advice to new psychologists in university counse ling centers：A qualitative study．Journal of Huma

Facts \＆Trivia $=1.42$
ducation at the Citadel are known as novices． Once they have earned a link，they become acolytes ．［4］Most acolytes treat novices as if they are sl ow－witted．［4］Acolytes train at letters at the Scr
ibe＇s Hearth，［24］and can be hired by Oldtowners t 0 read their letters or write their wills．［3］When an acolyte is prepared to take his vows and become an acolyte is prepared to take his vows and become a maester，he is placed in a completely dark room azor－sharp obsidian．He must stay in that room for azor－sharp obsidian．He must stay in that room for
the entire night in darkness，unless he is able to the entire night in darkness，unless he is able to light the candle．The tradition serves as a lesson about truth and learning．［4］A Students who violat $e$ the rules of the Citadel can be ordered confined
to their rooms by the maesters．［8］They can also r eceive more physical punishments．For example，for sceive more physical punishments．For example，for stealing from the kitchens，rectors might place th
em in stocks at the Seneschal＇s Court，where acoly em in stocks at the Seneschal s Court，where acoly
tes may throw rotten vegetables at them．［3］A ma ester at his studies $』$ Boys and young men from all ester at his studies $』$ Boys and young men from all
over Westeros come to study，learn，and forge thei

Educational Value $=2.53$
oals established by political entities that ar e far removed from the facts on the ground．Test $r$ esults are most useful when viewed as one aspect o f the main driver of improvement－a broad，collabor ative，wel1－resourced effort to improve school，st
udent，and teacher performance over the long haul a There will be schools that struggle and need ass istance．Site visits and support need to be organi zed，as envisioned by the new California Collabora zed，as envisioned by the new California Collabora
tive for Educational Excellence．The group will of fer help，support，and site visits to struggling s fer help，support，and site visits to struggling s
chools．For a national proposal along these lines， see Marc Tucker＇s blog post＂ESEA Reauthorization and Accountability：A Chance to Do It Right．＂a Su ccessful jurisdictions do not neglect the problem of incompetent teachers．It turns out that giving low－performing teachers a chance to improve is mor e effective when the efforts are part of a coopera tive endeavor to improve instruction．First，many low－performing teachers will improve with helpful

## Required Expertise $=0.96$

ild．Social and background features appeared $t$ $\ldots$ influence the possibility of being bullied．a So cial skills and the capacity to communicate，to be popular and show interest in others were likely to mitigate against being bullied．Moreover，children were less likely to be bullied if they were physic ally robust，extroverted，socially sensitive，unse
lfish，flexible，conforming to group norms，reward ing，unaggressive，non－attention seeking and modes $t$ ．Lowenstein＇s findings in respect of the victi ms were very similar to the Scandinavian and Finni sh results，i．e．the victim is insecure in his soc ial relations and is physically weak（ 0 ＇Moore， 198 8）．Lowenstein，did not，however，distinguish betw een the provocative and the passive victim as did Olweus（1978）．If this distinction is ignored it m ight so easily cloud results．Lowenstein，for exam ple，found his controls to be less aggressive than the victims，a finding which is in the opposite di rection of what one would expect of the passive vi ctim．Indeed Stephenson and Smith＇s（1987）data of

Table 33．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 18 （ $\mathbf{2 . 8 \%}$ ）god，church，jesus，christ，lord，life，faith，christian，man．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style $=-0.73$ | Writing Style $=0.35$ | Writing Style $=1.21$ |
| 0 look at and remember all the commandments of the Lord，to do them，not to follow［e］after your own heart and your own eyes，which you are incline d to whore after． 40 So you shall remember and do all my commandments，and be holy to your God． 41 I am the Lord your God，who brought you out of the and of Egypt to be your God：I am the Lord your Go Izhar，son of Kohath，son of Levi，and Dathan and Abiram the sons of Eliab，and On the son of Peleth ，sons of Reuben，took men． 2 And they rose up bef ore Moses，with a number of the people of Israel， 250 chiefs of the congregation，chosen from the as sembly，well－known men． 3 They assembled themselve s together against Moses and against Aaron and sai d to them，＂You have gone too far！for and the congregation are holy，every one of them，and the Lord is among them．Why then do you exalt yourselv es above the assembly of the Lord？＂ 4 When Moses $h$ eard it，he fell on his face， 5 and he said to Kor ah and all his company，＂In the morning the Lord w | ure before God；but he had indeed said，Thou k nowest that I am not wicked，my righteousness I ho ld fast，and the like，on which Elihu might ground this charge．It was true that Job was a perfect an d an upright man and not such a one as his friends had represented him；but he ought not to have insi sted so much upon it，as if God had therefore done him wrong in afflicting him．Yet，it should seem， Elihu did not deal fairly in charging Job with say ing that he was clean and innocent from all transg ression，when he only pleaded that he was upright and innocent from the great transgression．But tho themselves if they be misunderstood；they should $h$ ave taken more care．2．He had represented God as severe in marking what he did amiss and taking all advantages against him（v．10，11），as if he sough t opportunity to pick quarrels with him．He findet h occasions against me，which supposes seeking the Dost thou not watch over my sin？He counteth me fo | from the outside come the attacks to the Pope and the Church，but the sufferings of the Church $c$ ome right from the inside of the Church，by the si ns committed inside the Church itself．＂We knew th is already，but today we see this in the most horr ifying way：that the greatest persecution against the Church doesn＇t come from its enemies outside， but from the sins within．And that the Church has therefore a great need to re－learn penance，to acc ept purification，to learn forgiveness but also th e necessity for justice．Forgiveness doesn＇t subst itute for justice．＂．．．we must always remember that the powers of good are present and that in the end Our Lord is stronger than the devil and that Our L ady is our Guarantee．＂－Fatima Crusader，Issue \＃9 5，p．3－4 http：／／archive．fatima．org／crusader／cr95／ cr95pg3．pdf a In 2011 Fr．Gabriel Amorth was inter viewed by José María Zavala．During the interview， Fr．Amorth relates that he does not believe the co 84 was sufficient to satisfy the requirements of $t$ |


| Facts \＆ | Facts $\boldsymbol{\&}$ Trivia $=-0.51$ |
| :---: | :---: |
| at the prophets had said of Himself as well as to His own statements．Cf．Bk．III．vii．49．or ho w shall He come to an end，being Himself the End o f all things，so that in that End we have an abidi ng－place without end？The Divine Generation is not an event in its limits，and therefore before it time is not and in it time has no place．A109．Again，their aimless and futile question finds no loophole for entry，even when directed upon the creation itself ；24282428 On the analogy of which，indeed，Arianis m endeavoured to conceive of the Nature and Activi ties of God nay，indeed temporal existences appe ar，in certain cases，to admit of no division of $t$ ime．For instance，light generates radiance，but w e can neither conceive that the radiance begins to exist after the light，nor that the light is in ex istence before the radiance，for where there is a light，24292429 or＂a shining body＂－lumen，not lux， as in other places of this passage．St．Ambrose pr abably was unaware that＂radiance＂．or＂effulgence＂ | of the Latin tradition＂was a matter of emoti on，of sentimentality and had no relationship what soever to the integrity of the Holy Faith．Ratzing er／Benedict XVI said the following in Summorum Pon tificum and in his accompanying Explanatory Letter thful continued to be attached with such love and affection to the earlier liturgical forms which ha d deeply shaped their culture and spirit，that in 1984 Pope John Paul II，concerned for their pastor c Annos issued by the Congregation for Divine Wors hip，granted the faculty of using the Roman Missal published in 1962 by Blessed John XXIII．Again in 1988，John Paul II，with the Motu Proprio Ecclesia se of this faculty on behalf of all the faithful w ho sought it．（Joseph Alois Ratzinger／Benedict XVI Summorum Pontificum，July 7，2007．）a It is true that there have been exaggerations and at times so cial aspects unduly linked to the attitude of the |
| Educational Value $=-0.85$ | Educational Value $=0.13$ |
| rchestra seminars and concerts a Soot－Spelet When the colors disappeard $₫$ The young Alexander $R$ ybak \＆Let＇s Dance $2011 』$ Tallin 8th of March 2010 $\Perp$ Ujságcikkek és dalszövegek magyarul Artykuły w języku polskim e Türkçe Makaleler－Azarbaycan dilində məqaləlar a Alexander Rybak and＂Stille Na tt Hellige Natt＂in Grorud church 10．12．18』22／12 ／2018 tessala Leave a comment $\&$ Filled Grorud chur ch twice in one evening $₫$ The＂Stille Natt Hellige Natt＂concert is as good as expected．In one eveni ng ，Grorud church was filled to the brim twice，an $d$ the audience came even from Nottingham as well a s Moscow！』 Source：Akers Avis，published 21．12．18 <br> Text and photos：ROLF E．VULFF a Translated by T essaLa，revision by Anni Jowett and Anastasia Sila kova．a For 30 years，the＂Mother of all Christmas concerts＂has travelled around to churches with pr ofessional artists to sing the Christmas message a nd unify the religious festival and joy．Rune Lars en has been a part of this for 17 years in a row， and once again he realised that he and the rest of | e twelve oxen under it， 16 the pails，the shov els，and the meat－forks，and all their utensils． Huram－abi made of polished bronze for King Solomon for Yehovah＇s＇Temple＇． 17 The king had thenf cast in the clay ground in the Jordan Valley between Su ccoth and Zeredah． 18 So Solomon made all these ut ensils in great quantities so that the weight of $t$ he bronze couldn＇t be determined． 19 Solomon als 0 made all the articles that were in the＇Temple＇ of Elohim：a the gold altar and the tables for the bread of the Presence 20 and the menorahs with the ir pure gold lamps to burn in front of the＇Cheris hed＇Place［not oracle］， 21 the flowers，the lamps and the tongs of gold，pure gold； 22 and the fire pans；and for the entrance of the＇Temple＇，the in ner doors for the most＇Cherished＇Place，and the pure gold doors of the main hall of the＇Temple＇． $\Perp$ The Ark in the Temple $\& 1$ So all the work that $S$ olomon did for Yehovah＇s＇Temple＇was finished．So lomon brought in the things that his father David lomon brought in the things that his father David |

en seen people eating hamburgers in the pews $d$ uring First Communion Masses．A I wish more priest xplain at what the Mass is before Mass begins．I $d$ on＇t think they mean it to be rude or irreverent， I think they really are clueless．a I forgot to po st part 2 of the column，which is also excellent： http：／／www．anchornews ．org／columns／putting＿into＿dee p＿mello／october＿15＿2010．php $₫$ stpetric says：』Jus t a mild tangent．．．I find it instructive that the iter refers instinctively to＂the Communion line＂ ．Evidently he hasn＇t been adequately instructed The kid might be forgiven for mistaking the Commun ion procession for a bus queue．．．where playing with her Nintendo is a perfectly acceptable way to pas the time．$』$ Dave $N$ ．says：$』$ I＇m with those who jus $t$ sort of hold their breath at occasions where lot s of non－Catholics show up：weddings，baptisms，Ch ristmas，Easter．．．．and confirmations．a Reminds me f one confirmation mass I went to where there was

Required Expertise $=0.09$
succumbs to the advice of useful idiots like Biologos and those who＇ve signed the Clergy Lette Project，America will follow Europe into apostasy． do all the time，especially with the situation in Europe．Or with equating rock and roll and a wild youth with＂Darwinism．＂A reverse of that would be that as YECerism increased，the Church would incre ased，and yet，we see that in the U．S．，as YECers increases，the Church is actually decreasing．．．but that would mean that you guys would have to be wro ng．．．oh，and you guys would have to accept actual f acts．．．such as that young people are leaving becaus e YECers is simply，stupid，and given that God has given us human wisdom and reason，to ask us to den $y$ God＇s gifts is in effect creating a paradox that many cannot over come and remain in reality．A Als 0 ，SC is generally what your＇science＇is built up on，not to mention your take on theology as relati ng to what you think Christ and others said／were s aying．a BY the way，along with SC，you guys are g

．．mastery of the Great Reversal＂and＂the Sign of the Sovereign．＂The Báb soon after began to cha ，the homily with which He had prefaced His commen tis hearers with wonder They seemed as if bewitch ed by the magic of His voice．Instinctively they tarted to their feet and，together with the Imam－ um＇ih，reverently kissed the hem of His garment． Hlla Muhammad－Taqiy－i－Harati，an eminent mujtahid nd praise．＂Peerless and unique，＂he exclaimed＂a are the words which have streamed from this pen to be able to reveal，within so short a time and i $s$ as to equal a fourth，nay a third，of the Qur＇á is in itself an achievement such as no mortal， thout the intervention of God，could hope to perf kening of the pebbles of the sea can compare with

Educational Value $=0.93$
the modern Enlightenment in its background nd one perhaps marked most of all by the persecuti on of Christians under Communism．［1］\＆Positive re sults dialogues have been reciprocal visits and re iarchs，frequent contacts at the local church leve 1 and－importantly for the strongly monastic Orie ntal Churches－at the level of the monasteries．［1 1 Several meetings between Popes and Patriarchs to ok place since the Vatican Council．In their Commo n Declaration of Pope John Paul II and the Ecumeni cal Patriarch His Holiness Bartholomew I（July 1 2004），they agree that in the search for full co union，it would have been unrealistic not to expec $t$ obstacles of various kinds．They identify doctri ne，but mainly the conditioning by a troubled hist ory．New problems emerged from the radical changes in the East．The dialogue was made more and not le ss difficult after the fall of communism．The Join International Commission for Theological Dialogu

## Required Expertise $=0.83$

ovah did upon the Egyptians：and the people fe ared Yehovah，and believed Yehovah，and his servan $t$ Moses［Exodus 14：31］．\＆And Israel saw the great They feared God and believed in His memra and in is servant Moses．Jonathan ben Uzziel also says in regard to Exodus 14：31 that Israel believed in the memra of God，although only the words＂feared Yehovah＂and＂believed Yehovah＂appear in the Scr pture itself．He translates this portion almost th e same as Onkeles does，word for word，including the memra of God．＂$』$ And it came to pass，when the ark set forward，that Moses said，Rise up，Yehovah ，［Yehovah］，and let thine enemies be scattered； nd let them that hate thee flee before thee．And hen it rested，he said，Return， 0 Yehovah［Yehovah ，unto the many thousands of Israel［Numbers 10：3 $5,36]$ ．When they took the ark to move they wait ed till Moses prayed，and he asked for mercy from $h$ of God＇s anger，that the enemies of thy people

## Writing Style $=1.95$

our Shalom，the wholeness of the peace that I offer，in the place which has just destroyed your land，your temple，your monarchy（that divinely sa 11 that you hold sacred，everything that has been 11 that you hold sacred，everything that has been language changed during the exile；the only books language Char in the 0ld Testament which are not originally in H ebrew，were written during this period．）Furthermo re，a series of prophets－Isaiah，Jeremiah，Micah eason for these losses is due to their misplaced w eason or these losses their misuse of the land through its unfair distribution their appession of the its unfair distribution，their oppression of of Israel were stripped of all their prior sense of Israel were stripped of all their prior sense $f$ their identity and security them in Cha 42 that any attempt to hold onto thei land or even flee disobedience to God．As a nation，they were called

Facts \＆Trivia $=1.41$
ary for psychokinetic life．AThe way of＇init iation＇became hidden until the stage of＇revelati on withdraw responsibility but increased it．They p $t$ withdraw responsibility but increased it．They $p$ in appearance but nevertheless superhuman godlike in appearance but nevertheless superhuman，godlike ed to achieve Individuality．We give them the name Hemitheandros：half－god，half－man．In Egypt，the $H$ Hemitheandros：half－god，half－man．In Egypt，the $H$ $d$ Re．$』$ In the regions influenced by the Aryans，$h$ e was the Hero who associates with higher powers In the Great Mother tradition，he was the son of $t$ he Great Mother．The Hemitheandros were believed to have discovered the secrets of immortality and to have discovered the secrets of immortality，and as not a priest；although sacramental in character ．The Nile flood depended on his actions．He took over the fertility cult that belonged to an earlie $r$ epoch and transformed it into an act of service epoch and transformed it into an act of service
or kinship that assured the return of the seasons．

Educational Value $=1.66$
c status，health－conscious behaviors and highe education levels．Such findings are likely a com bination of factors，which include bonding with a community of family and friends and developing pos itive emotional attitudes（faith，love，forgivenes s ，optimism，peace，etc．）．While these behaviors s，optimism，peace，etc．）．While these behaviors es，the message in religious environments tends to prioritize positive behaviors and put painful expe prioritize positive behaviors and put painful expe
riences in proper perspective．Sending，receiving riences in proper perspective．Sending，receiving
and being a blessing are，$G$－d willing，keys to a 1 and being a blessing are， $\mathrm{G}-\mathrm{d}$ willing，keys to a 1
ong life：physical，emotional and spiritual．Are other religions heretical？There are many valid paths to $\mathrm{G}-\mathrm{d}$ ，which include other religions．Our S ages never indicated that other people must become Jewish．However，there are general requirements fo people who are not Jewish，called Noahide laws， which generally make for a cohesive society Accor ding to our Sages，these laws were given to all ma nkind at the time of Noah．These rules include pro hibiting idols，murder，theft，immorality，blasphe

## Required Expertise $=1.44$

were building still presumed white supremacy and sought to build social relations with colonize d peoples based on racism and economic exploitatio n．There was a self－justifying narrative that was held at least by liberal supporters of the British Empire that Christianity and＂civilization＂were $t$ he gifts the British were bringing to benighted pe oples and lands throughout their empire，and that while there were major inequities and other injust ices involved in their colonial projects，the long term goal was multi－racial enlightened Christian a nd capitalist societies under benign British hegem ony．At least，that was their moral justification narrative．To the Afrikaners，that vision was mora 1ly repugnant，rampant with ungodly race－mixing an d crass wealth－seeking．A Flag of the Union of Sou th Africa from 1928－1994』Ultimately，a white dominated parliamentary semi－democracy emerged in 1910 －the Union of South Africa－under British ule．By the mid－20th century，the National Party， which had become the political voice of the Afrika

Table 34．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 19 （ $\mathbf{2 . 6 \%}$ ）court，law，case，defendant，judge，trial，supreme，district．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style $=-1.28$ | Writing Style $=-0.49$ | Writing Style $=0.19$ |
| claim．』Applicability of statute changes to cases filed after August 28，2005，538．305 $\sim 508.2$ 40－Failure of clerk to transmit，or loss of reco rd，proceedings．a If any clerk fail to transmit t he transcript and papers in any cause，the venue w hereof has been changed，or if they be sent and 10 st，such loss or failure shall not operate as a di scontinuance of such cause，but they may be filed at the next term of said court；or，if lost，copie s of the original may be furnished and filed，and the cause shall proceed as if no such failure or 1 oss had happened；provided，however，that the cour $t$ or the judge granting any change of venue shall have the power to set aside and annul the order th ereof，by consent of parties，at any time before $s$ uch transcript and papers shall be actually filed in such other court．a Prior revisions： 1929 § 91 $9 ; 1919$ § 1369； 1909 § $1939 』 508.340$－Change of venue from Marion County when people are prejudice 8.320 and 508.330 ，if，in any civil or criminal ca | er is to interview the parties involved in aut 0 accidents，inspect the properties that were dama ged，and put together accident recap reports for C laims examiners to evaluate and approve．ahat is Personal Injury Litigation？\＆Accident injury case S can be very connlex；such as distracted driving cases which can involve very detailed investigatio ns．There may be a disagreement between who is at fault，how much compensation should be awarded，or who should pay how much．a You May Have Symptoms D ays after Accident $₫$ Accidents are bad experiences Period．If they didn＇t catch you off guard，and shake you up，they wouldn＇t be called accidents．T 0 fall suddenly，or be blindsided by an approachin g object，or rear－ended by another vehicle．．any acc ident has the potential to leave a person in a sta te of shock．After An Accident；Do This，Not Tha t！\＆Accidents can cause sympons of injury immedi ately．It is also normal to feel confused and in a state of shock．The saying goes，＂if there＇s damag e to the vehicles，there may also be damage to you | he beginning of the week，Sagynbayev was sent under armed guard to Saratov，where he was examine d at the St．Sophia Regional Clinical Psychiatric Hospital．He is the only suspect in the case who $h$ as been made to undergo an inpatient forensic exam ination．a＂He said lots of things to our experts about anarchy and social revolution．They said he was deluded and refused to render an opinion，reco mmending he be hospitalized，＂Rakhmanova explains． According to the attorney，the doctors in Sarato The name of the airsoft team 5.11 had nothing to $d$ 0 with the revolution allegedly scheduled by natio nalist Vyacheslav Maltsev for November 5，2017．AC cording to various sources，the name refers either ent or to the date when seventeen－year－old Penza a narchist Nikolai Pchelintsev was hanged in 1907．H istorians Alexander Kolpakidi and Gennady Potapov er of a gendarme during a shootout，counting on th |


#### Abstract

Facts $\boldsymbol{\&}$ Trivia $=-1.03$ ．ices Program？A Victim Advocate will be assign ed to assist $』$ Purpose of the Victim／Witness Unit Purpose of the Victim／Witness Unit The Victim／w tness Assistance Division of the Lake County State s Attorney s Office was formed to serve the needs of people like you．The division is meant to ensur of people like you．The division is meant to ensur ic Legal Education ans Information Service of Nubl 1c Legal Education and Information Service of New Brunswick ty Public Legal Education and Information Service of New Brunswick NO means NO Understanding Consent to Sexual Activity This pamphlet provides informat ion on what $\leftrightarrow$ Type of law：CRIMINAL LAW．A 2011 Al berta Guide to the Law IMPAIRED DRIVING．Student egal Services of Edmonton $』$ Type of law：CRIMINAL AW A 2011 Alberta Guide to the Law IMPAIRED DRIV NG Student Legal Services of Edmonton COPYRIGHT \＆ DISCLAIMER GENERAL All information is provided for general knowledge purposes only a JUVENILE JUSTICE ACT， 2003 （ACT \＆ACTS OF GHANA FOURTH REPUBLIC JUV ENiLE JUSTICE ACT， 2003 （ACT 653）ARRANGEMENT OF $\$$

\section*{Educational Value $=-1.10$ <br> takte Sign in with twitter Sign in with google They did not appear in court：witnesses for th e prosecution of the Yalta Hizb ut－Tahrir group al legedly fear for their lives $\&$ April 26， $201914: 5$ $40260 』$ On Friday，April 26，the interrogation $f$ witnesses for the prosecution in the Yalta group of the＂Hizb ut－Tahrir case＂once again broke down of the＂Hizb ut－Tahrir case＂once again broke down at the North Caucasian District Military Court in Rostov－on－Don．ADuring the meeting it became cle Rostov－on－Don．$\&$ During the meeting it became clea $r$ that r that＂the prosecution witnesses did not appear i ore the court are unknown．Secret prosecution witn esses－Mekhmetov，Starovoy and Ibragimov，whose i ed for today＇s meeting，also did not appear in co urt，＂the Crimean Solidarity activists report．\＆A ccording to the prosecutor，all the＂prosecution w itnesses fear for their lives，since the defendant $s$ allegedly could be a threat to them．＂af For exam ple，the witness Ibragimov is an employee of the $C$}




Facts \＆Trivia $=-0.27$
．ge of the language of the proceedings．a Proce dings before the Couritten，interim and ora shall consist of are court shall consist of a written，an interim and an oral
procedure，in accordance with the Rules of Procedu re．All procedures shall be organized in a flecexibl re．All procedures shall be organized in a flexibl and balanced manner．2．In the interim procedu re，after the written procedure and if appropriate
，the judge acting as Rapporteur，subject to a man the judge acting as Rapporteur，subject to a man date of the full panel，shall be responsible for c onvening an interim hearing．That judge shall in p articular explore with the parties the possibility
for a settlement，including through mediation，and for arbitration，by using the facilities of the Ce lor arbitration，by using the facilities of the Ce
ntre referred to in Article $35 . 』 3$ ．The oral proc edure shall give parties the opportunity to explai $n$ properly their arguments．The Court may，with th e agreement of the parties，dispense with the oral hearing．$₫$ Means of evidence $₫ 1$ ．In proceedings $b$ efore the Court，the means of giving or obtaining evidence shall include in particular the following

Educational Value $=-0.28$
．．$n$ issue an order regarding whether plaintiffs nay proceed－that is，whether the sealed document stablishes that plaintiffs were subject to electro ign Intelligence Surveillance Act－see 1978）．（Krav ets $1 / 5 / 2009$ ）January 10，2009：Newsweek Readers Call NSA Whistleblower a＇Hero＇Who＇Protect［ed］ he People＇against Bush and Cheney $n$ Newsweek ishes a range of responses to its article about Ju stice Department whistleblower Thomas Tamm（see De cember 22，2008），who alerted the New York Times $t$ 0 the Bush administration＇s illegal domestic wiret apping program＂Stellar Wind＂（see Spring 2004 and December 15，2005）．Most are extremely supportive of Tanm；Newsweek writes，＂Nearly all labeled Tamm a hero．＂One reader wonders why＂few in the Justic e Department were as troubled as Tamm about the il legality of the secret domestic wiretapping progra $m$ or had the courage of his convictions．＂Another notes，＂Whistle－blowers like him are heroes becaus

Facts $\&$ Trivia $=0.50$
．．us erroneous views of the facts of Donovan II． inally，NELF explained that amendment of their co under an issue of law left undecided in in claims under an issue of law left undecided in Donovan I
should not be allowed because it would be futile should not be allowed because it would be futile summary judgment，chastising the plaintiffs for summary judgment，chastising the plaintiffs for left undecided in Donovan I．Glovsky v Roche Br os．Supermarkets，Inc．$\oplus$ Defending the Right of
 on their Premises $』$ In this case，the plaintiff，S on their Premises $₫$ In this case，the plaintiff，$S$
teven M．Glovsky，an attorney，while seeking to ru n for election to the Massachusetts Governor＇s Cou ncil in 2012，sought permission to solicit nominat ing signatures at a Roche Brother＇s supermarket si tuated on a private 5 －acre lot in Westwood，Massac husetts．The store，which has a policy against suc h solicitations，denied him permission．Glovsky la ter brought this pro se suit，alleging that Roche Brothers had violated his constitutional rights．

## Educational Value $=0.52$

．．filing（defined as using a process of differen tiation，othering，and subordination to target a $p$ ypical＂looks＂）is that for＂national security rea sons＂the next step is to target and snoop on all foreign residents in Japan．Because they might be terrorists．The National Police Agency et al have already been justifying the targeting of NJ as ter rorists（not to mention as criminals，＂illegal ove rstayers＂，holders of＂foreign DNA＂，and carriers of contagious diseases）．And Japan＇s Supreme Court has now effectively given the green light to that too．The noose further tightens around NJ resident s in Japan．a JCMU：On July 23， 2016 the Japan Cen ter for Michigan Universities（JCMU）in Hikone wel comed Junko Hayashi，Japan＇s first female Muslim a ttorney，to speak about Islam and the issues faced by Muslims in Japan．In a recent court battle，Mrs ．Hayashi represented Japanese Muslims that were b eing observed by the Japanese government for no

## Required Expertise $=0.94$

ational Regulations on Firearms $₫$ Module 1：I troduction to Cybercrime a Module 2：General Types of Cybercrime a Module 7：International Cooperatio n against Cybercrime $A$ Module 8：Cybersecurity \＆C ybercrime Prevention－Strategies，Policies \＆Prog rammes $\pm$ Module 9：Cybersecurity \＆Cybercrime Prev ention－Practical Applications \＆Measures a Modul e 10：Privacy and Data Protection $₫$ Module 11：Cyb er－Enabled Intellectual Property Crime $₫$ Module 12 Interpersonal Cybercrime as Module 14：Hacktivism Terrorism，Espionage，Disinformation Campaigns \＆ Warfare in Cyberspace $\leftrightarrows$ Module 1：Introduction to International Terrorism $₫$ Module 2：Conditions Con ducive to Spread of Terrorism a Module 3：Internat ional Counter－Terrorism Legal Framework a Module 4 Criminal Justice Responses to Terrorism a Module 5：Regional Counter－Terrorism Approaches a Module 7：Counter－Terrorism \＆Situations of Public Emerge ncy a Module 10：Arrest \＆Detention \＆Module 11： ces $₫$ External Contributor Interface $₫$ UNODC Teach

Writing Style $=0.95$
assive atrocities and created a new actor，a $j$ udicial actor，on the international scene：a perma nent International Criminal Court，which would ste $p$ in when national courts failed to act．$A$ An inde pendent，permanent court with a global reach was $t$ he object of strong debate in Rome and，for some s tates，a motive to oppose the court．dhe drafter $s$ of the Rome Statute were not naive idealists．Th ey were the ulimate realists．In their iletimes， they had watched the Khmer ey had let mirions，th da happen．Shey had failed the＂never ad et Rwan da happen．They had failed the＂never again＂promi ses of ther fical lears careers as po litical leaders，diplomats and negotiators，they $h$ ils，sent them off to golden exiles，tried to appe ils，sent them off to golden exiles，tried to appe ase them with promises of immunity，power and weal
th．Each time they gambled on impunity and each ti th．Each time they gambled on impunity and each ti
me they lost．A They learned the need to adjust ta me they lost．A They learned the need to adjust ta
ctics to a lasting solution．By integrating in one justice system states and an independent internati

## Facts \＆Trivia $=1.34$

lenged the constitutionality of the preferenc e given to financial creditors over operational cr under Article 14 of the Constitution．The Supreme Court dismissed the Article 14 argument stating t hat there was a difference in the relative importa hat there was a difference in the relative importa bt allows the capital to be re－injected into the conomy and is vital for economic growth．AThe pre ference given to financial creditors is tre pre given the judicial system＇s dismal record on enfor cing contracts．Operational creditors，while not d irect lenders of money to the company，provide goo irect lenders of money to the company，provide goo ds on credit and these contractual arrangements ca
$n$ often be more useful to a business than bank deb n often be more useful to a business than bank deb ian courts is a long and hard process which often lan courts is a long and hard process which of ten time for the judicial system to step up and expedi te the enforcement of contracts．Similar to the ti me－bound insolvency resolution in the IBC，all con

Educational Value $=1.40$
$\ldots$ y in a lawsuit may make a motion to the court equesting that the adverse party in the proceedin g undergoes a physical or mental medical examinati
on．The court may grant this request where the evi dence obtained from such an examination would be $r$ elevant to an issue in the trial．Due to the natur e of sexual assault cases，such examinations would e relevant the vast majority of the time．AAs wi th any civil lawsuit，once all the evidence has be en presented to the court by both parties and the trial has concluded，the judge will determine whic trial has concluded，the judge will determine whic
h party they will enter a judgement in favour of． If a judgement is entered for the defendant this $m$ eans the court was not convinced that the allegati oans made by the plaintiff likely occurred．In this case the defendant will not be required to pay dam ages to the plaintiff for the alleged injuries the y suffered．Should the court decide for the plaint iff，they will award either all of part of the dam ages requested by the plaintiff and order the defe ndant pay these damages．The court will also award

Required Expertise $=1.48$
from the original expiration date of the pate nt if，among other things，＂the permission for commercial marketing or use of the product s the first permitted commercial marketing or use of the product under the provision of law under wh ich such regulatory review period occurred．＂a Ove the past few years，the U．S．Patent and Trademar Office（＂PTO＂）has heavily relied on decisions b y the U．S．Court of Appeals for the Federal Circui 8），aff＇d 876 F．2d 99 U．S．P．Q．2d 1869 （Fed．Cir． 198 9），and Pfizer Inc．V．Dr．Reddy＇s Labs．， 359 F．3d 1361 （Fed．Cir．2004）（＂Pfizer II＂）to support the Office＇s interpretation of the term＂product＂in 3 5 U．S．C．§ $156(\mathrm{a})(5)(\mathrm{A})$ to mean＂active moiety＂（i e．，the molecule in a drug product responsible fo pharmacological action，regardless of whether th e active moiety is formulated as a salt，ester，or other non－covalent derivative）rather than＂active ingredient＂（i．e．，the active ingredient physicall y found in the drug product，which would include a

Table 35．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 20 （ $\mathbf{2 . 0 \%}$ ）film，movie，films，movies，story，festival，director，like，cinema．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style $=-0.92$ | Writing Style $=0.16$ | Writing Style $=1.08$ |
| stly to FIGS．31a to 31e，the various elevatio ns of the LCP molding assembly 190 are shown．The assembly comprises a lid molding 264 and a channel molding 266．It mounts to the printhead cartridge casing 184 via screw holes 268 and 270．The lid mo lding also has side mounting holes 276．As discuss ed above，the screw holes 270 and 276 allow a cert ain amount of longitudinal play between the assemb ly 190 and the rest of the cartridge 100 to tolera te some relative movement from CTE mismatch．Ink $f$ rom the pressure regulators is fed to the lid inle ts 272 via the resilient connectors 254 ．At the ba fluid communication with respective channels 280 i $n$ the channel molding 266 （best shown in the secti on view of FIG．32）．Each channel 280 runs subst antially the full length of the channel molding 26 he five ink colors（CMYK \＆IR）．At the bottom of e ach channel 280 is a series of ink apertures 284 t | 6：00 PM Temple Theatre Park City a Saturday， February 2nd 6：30 PM Redstone Cinema 1 Park City Alright，so this one does have a little bit of hyp e surrounding it．I feel like I have been hearing about the Zac Efron／Ted Bundy movie for at least a year．While there hasn＇t been much chatter about $t$ he film overall，I do know that a lot of people ar e excited to see Efron take on this role because i t is unlike anything he has ever done so far in hi s career．I feel like that if Extremely Wicked，Sh ockingly Evil and Vile ends up being really great that this film could really boost Zac Efron＇s care wman back in 2017，I feel like Efron hasn＇t really done a lot to wow the audience．He seemed to be st uck taking on roles that were comedic versions of himself and after a while，it just stopped being e ntertaining．This dramatic and dark turn could be just what the doctor ordered．Axtremely Wicked， Shockingly Evil and Vile is part of the Premieres | 11 of it appropriate or even apt．Sanjay Suri＇ s love making scenes with Tannishtha Chatterjee sh ow him copulating violently，with his pyjama on． Chauranga makes an engrossing watch，although one wishes there was more to its story．$\#$ The film has been shot well and manages to highlight crucial is sues．Even though it is director Bikas Ranjan Mish ra＇s debut film，he has done an impressive job．Wh ile the film does make a great attempt，the story leaves a lot to be expected from and drags on in $p$ arts．Chauranga attempts to expose the inequity an d injustice in society and will stir－up its audien ce．$\Perp$ Chauranga is certainly not your regular popc orn flick，with several scenes that will make the popcorn in your stomach toss and turn．But if you are an admirer of realistic cinema，this can be yo ur movie of the weekend．A There＇s no denying that the film in unflinching，unafraid to show Dalit vi llage life as the series of compromises it often i s．Had the performances been stronger，the accents |



Educational Value $=-1.61$
im Threapleton（ m ．2001）AR Redroofs Theatre Sc hool Gramny Avard for Best Spoken Word Album for
Children ARelationship short Statistics of Kate Cindren \＆Relationship short Statistics of Kate W／
inslet \＆what is Kate Winslet marital status ？（ m arried，single，in relation or divorce）：How many arried，single，in rewation or have（name）：al Is Kat C Winslet having any relationship affair ？：AY Yes3 affair $\&$ Is Kate Winslet Lesbian？\＆ 3 Affair 3 Ma rriage 3 Children a Kate Elizabeth Winslet is an a ctress，singer．She is known best for her acting i Accadeny Award，three Golden Globe Awards and an Emmy Award．For her services to acting，she was aw arded the CBE by Queen Elizabeth II，on November 2 2，2012．She received 1999s Film Actress of the Ye ar award presented by Variety Club of Great Britai n．A Kate Winslet Personal Life a Kate Winslet is Threapleton in 1998 in a private ceremony．The cou ple shares a child，Mia Honey Threapleton born on

|  |  |  |
| :---: | :---: | :---: |
|  | who plays a young doctor，and Danny Glover，w ho has a supporting role．However，direction was p retty solid and there are some good moments．Grade C＋$\&$ The 10th Victim（1965）This was really an i nteresting watch．A film I had heard pretty much nothing about，but that ended up being pretty cool despite many flaws．Set in a near future where r andom people are pitted one against the other in a game of hunter／victim（kind of like The Purge，but more contained），the film follows a＂hunter＂（Ursu la Andress）and a＂victim＂（Marcello Mastroianni）， as they play a game of cat－and－mouse．There are so many cool elements that we＇ve seen in other films （a bit of Running Man，a bit of Hunger Games，even some John Wick）．Mastroianni is cool－as－ice in his role，and Andress plays the deadly female role pre tty well．The film kinda hits a patch in the middl e as the inevitable romance between them unfolds， but I thought the last act was pretty solid．I wou ld＇ve finished it 5－10 minutes earlier，but it was good anyway．Grade：B＋$a$ The Addams Family（2019） | ethod Actor asked the $S$ to remove her cap，so that he can stare at her，to DRINK HER IMAGE（my wn words）and understand WHY his character would 1 ove her so much．This is pretty much what happened $\Perp$（S removes her cap）a Method Actor：Yes，I can see your face better now．I can understand why my character the hero loves your character the heroin e，you being so obviously HOT and all．a（ $S$ smiles awkwardly）\＆Method Actor：So，what kind of relati onship do we have？（S stares，unsure how to answ er the question，I was sitting next to Method Acto $r$ ，so I answered immediately）$』$ Me：Just a brief a nd fleeting one．the heroine never loved the hero， he was just a fling，they went out for two dates， he＇s too pathetic，so she ignored him since then． But the hero＇s an emo private eye，so he never cea sed to love her，and was unable to let her go．aM ethod Actor：（looks at me）And you are．．．who？The director？a Me：The producer．a Method Actor：Righ t．So，it＇s just a brief relationship．Did they HA VE SEX？\＆（S stares）a Method Actor：Oh，right．Wa |

## Facts $\boldsymbol{\&}$ Trivia $=0.52$

th the Best $₫$ The Encore Series $₫$＇Deis Flicks Order Films $\&$ Dania Khandaker $\leadsto$ dkhandaker＠bran deis．edu a Please review our rental policy．A Fax order forms to a The rental fee for each DVD from our＇Deis Flicks collection is $\$ 20$ ．In addition， here will be $\$ 1$ per person（minimum of $\$ 20$ ）added on the rental to cor aid to NCJF，who in turn shares fees with the film makers．\＆BNC＞Learning＞＇Deis Flicks a In fill aboration with the National Center for Jewish Film on the Brandeis campus，the Brandeis National Comm on the Brandeis campus，the Brandeis National Comm
ittee has assembled a lending library of DVDs．The ＇Deis Flicks collection includes both the work of modern independent filmmakers and archival materia ls．Together they represent a visual record of the Jewish people in all of their vibrancy and diversi ty．Please explore our exciting array of films bel ty．Please explore our exciting array of films bel
ow．$₫$ Movie Index：$』$ Restored NCJF $₫$ Vodka Empire OW．』Movie Index：』Restored NCJF 』Vodka Empire n Edelstyn；A film by Dan Edelstyn and Hilary Poi

Educational Value $=-0.82$
Educational Value $=-0.00$
acks and others within the score are much more likely to include integrated electronic sound desi gn elements．This combination of percussion and el ectronics is often described as a techno sound． Gone are the rough edges of the 1960s sleazy brass sound，which has evolved into a very clean＂wah＂s ound which cuts through the action tracks in a ve y Bond way 4 Tomorrow Never Dies is the 18th main Bond film and David Arnold＇s first，and therefore his first attempt to establish what was to become the modern Bond sound．The film has a good song w core hits the ground running with all the elements listed above fully in place．Particularly noticeab le is the new style of action track．Although Davi d Arnold＇s action tracks can seem＂generic＂at tim es（like those of many contemporary composers），he succeeds in＂Bondifying＂them with brief flashes o f jazzy Brass or hints of the Bond theme．So in th is way Arnold keeps a balance between the sounds

## Required Expertise $=-0.12$

ause it was literally the first song that I ha $d$ on my playlist when I was writing the script． would just listen to it and I just felt like becau se the movie is self－aware and ironic，and it kind because of its politics and importance．＂a Snyder may acknowledge the political context（more off－s reen than on），but I still don＇think the sequenc e works in that regard．Vanderohe is a mercenary o f war and who has spent the whole film killing zom bies．Now a nuclear bomb saved him from being trap ped in a city overrun by zombies，while also makin g him a rich man．His eagerness to reach Mexico Ci ty and enjoy his newfound wealth does not suggest some enlightened epiphany by either the character or the film about the danger of militaristic annih ilation．Rather it accompanies just another glib twist＂to a horror movie ending where at least one character thinks he＇s safe and then－surprise－he＇s． not．You know，like Snyder＇s Dawn of the Dead and pretty much every zombie movie going back to Romer

Writing Style $=1.87$
．．．le Lies，a rebooted Twin Peaks，and the upcomi ng Star Wars film The Last Jedi－Dern has indeed forged one of the more unusual careers of her gene moves so fluidly between the indie circuit and the moves so fluidy between the indie circuit and the blockbuster，the voice of Zen－like sanity and the mascara－streaked hot mess，and，of course，the wak ing world and the Lynchian dreamscape．In that 31－ year－old Times profile，it is quite clear that the author had not yet seen Dern s next film，because he refers to it as，simply，Blue Velvet，a susp ense film scheduled to be released in September． have ．．．a few more colorful words to say about the have ．．．a few mere con is now the lead actress that experience．）Dern is now the lead actress that $D$ onth＇s Twin Peaks reboot is their fourth collabora tion．Their mutual admiration and understanding ru $n$ deep．＂I love using my body as an actor and I lo neep． o specifically has made me leap into a void of tru

## Facts \＆Trivia $=1.39$

choice so as to not distract from the focal me ssage of the film．A monochromatic palette provide s little hope for the Czechoslovak resistance，and reminds cinemagoers of the gruesome outcome they w ill ultimately face．』 Image courtesy of variety．c om a Despite the slow－burning storyline，Anthropoi d＇s action scenes are fantastic．The final scene i n the Orthodox Cathedral，which lasted six hours i n reality，is perhaps the real pull for cinema－goe rs．The numerous deaths suffered by the Nazis only point to the inevitability of death hanging over $t$ he resistance fighters．The audience are left with conflicting emotions：sad with the knowledge of th eir certain failure，yet proud of their sacrifice
and bravery．When Uncle Hajsky says to Kubiš＇You＇ re the bravest man I＇ve ever met＇，an utmost since rity is conveyed．Anthropoid is not a film that aims to sanitise history．Though harrowing to watc $h$ ，director Sean Ellis did not shy away from illus h，director Sean Ellis did not shy away from illus interrogation methods．Despite claims from some

Educational Value $=0.92$
you don＇t want to talk about them．So by creat ing this claustrophobic wall feeling，I could make ing this claustrophobic wall feeling，I could make
the obstacle strong and powerful．Rather than talk the obstacle strong and powerful．Rather than talk
ing about the occupation，I wanted you to see and feel it．$\&$ Rail：Do you consider Omar a political film？Abu－Assad：For sure it＇s a political movie Why？Because I＇m a political voice and I have a political point of view．We are telling the story from the Palestinian side．It＇s condemning the occ upation．But you don＇t need to make a movie in ord er to condemn the occupation．The movie is not abo ut that．Every human being should condemn every oc cupation，not just the Palestinian occupation．The film is about love，trust，friendship．The place f or political discussion is somewhere else－you can do it on a sofa with your friends．In a movie it＇s boring．$a$ Rail：There has been a trend in recent films about the Arab－Israeli conflict to cover sev eral characters on both sides of the conflict．Oma is the opposite of this．It＇s named after its pr

## Required Expertise $=0.70$

f－governing entity．The nationalist Kuomintang （KMT），who fled to the island after their defeat b y the communists in 1949，imposed martial law unti $l$ 1987，ruling with an iron fist for nearly 40 yea rst to tackle，albeit obliquely，Taiwan＇s own Tian anmen，the 28 February 1947 massacre，in which the KMT violently suppressed anti－government protests， kick－starting a campaign of White Terror that kill ed up to 30 ，000 civilians that year alone．The mas sacre，commemorated every year on Peace Memorial D ay，lends impetus to Taiwan＇s independence movemen t．AFor Hou，it is the experiences of ordinary pe ople swept up in history＇s grand narrative that gi ve his stories their focus．The island＇s ongoing $c$ risis of existence pervades his films in recurring motifs：railways，empty platforms，people waiting for someone to arrive－or something to happen．\＆ On 16 January，Taiwan holds a presidential electio n in which voters look likely to elect the leader of the opposition Democratic Progressive Party，wh

Table 36．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 21 （ $\mathbf{1 . 8 \%}$ ）cells，cell，protein，gene，expression，human，dna，proteins．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percen | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style $=-1.28$ | Writing Style $=-0.65$ | Writing Style $=0.03$ |
| ned Heat and Power and Backup Power Applicatio ns Table 1．Project Technical Targets System Units ／yr 2015 Target 2020 Target LT PEM direct cost HT PEM direct and environmental \＆A Total Cost of Own ership Model for PEM Fuel Cells in a V．I． 7 A Total Cost of Ownership Model for PEM Fuel Cells in Comb ined Heat and Power and Backup Power Applications Table 1．Project Technical Targets System Units／yr 2015 Target 2020 Target LT PEM direct cost HT PEM direct and environmental Among the low－temp．fuel H 2 as the fuel and thus nearly CO －free and sulfur－ free gas feed must be produced from fuel processor High－temp．fuel cells such as solid oxide fuel ells can use both CO and H 2 as fuel and thus fuel processing can be achieved in fewer steps．\＆The $P$ osition of Ammonia in Decarbonising Maritime Indus try 4 This is Part II of an overview of the state－ of－the－art and emerging technologies for decarboni sing shipping using ammonia as a fuel．Part I（1） covered general properties of ammonia the current | 6．pp．27823－27831．＠＠article\｛86c0c2d7c4c6426 3a74746e3fc184829，etitle $=$＂An induced proximity model for NF－KB activation in the Nod1／RICK and RI P signaling pathways＂，abstract $=$＂Nod1 is an Ap af－1－like molecule composed of a caspase－recruitme nt domain（CARD），nucleotide－binding domain，and 1 eucine－rich repeats that associates with the CARD－ containing kinase RICK and activates nuclear facto r KB（NF－KB）．We show that self－association of No d1 mediates proximity of RICK and the interaction Y）．Similarly，the RICK－related kinase RIP associ ated via its intermediate region with IKKY．A mut ant form of IKK $\boldsymbol{\gamma}$ deficient in binding to IKK $\alpha$ and IKK $\beta$ inhibited NF－KB activation induced by RICK o well as of IKK $\gamma$ ，IKK $\alpha$ ，or IKK $\beta$ was sufficient for induction of $\mathrm{NF}-\mathrm{KB}$ activation．Thus，the proximit y of RICK，RIP，and IKK complexes may play an impo rtant role for NF－KB activation during Nod1 oligo merization or trimerization of the tumor necrosis | specific protein－binding interactions leading to low backgrounds in immunoprecipitation．Still， RIPA buffer is very compatible with a myriad of ap plications，including reporter assays，protein ass ays，immunoassays and protein purification．When $p$ lysis buffer of choice due to its compatibility wi th the BCA Protein Assay，although it can denature kinases［5］，and can disrupt protein－protein inter actions in immunoprecipitation／pull down assays［6 $t$ cell and tissue lysing buffer whose typical comp osition include：TRIS base 40 mM ，Urea 7 M ，Thiour ea 2 M，NP－40 or CHAPS 4\％，DTT 10 mM ．Urea is used at concentrations ranging from 5 to $9 M$ ，often wit $h$ thiourea at concentrations up to 2 M ．The additi ve thiourea can dramatically enhance the solubilit y of a wide range of proteins－nuclear，membrane， cytosolic，and including even tubulin that is high ly prone to aggregation，in urea buffer $[1,3,4]$ ． As in RIPA buffer，different detergents and buffer |

## Facts \＆Trivia $=-0.18$ <br> of the chambers 212， 222 to be communicated separated．』Alternatively，as those skilled in the art can easily conceive，the silicon substrate 230 having the anchor recess 250 is used to 230 having the anchor recess 250 is used to obtain the drug delivery system 201 by another manufactur the drug delivery system 201 by another manufactur ing process similar to one of the second embodimen t （see FIGS．10A－10E）． $t$（see FIGS．10A－10E）．AI The drug delivery system 201 so formed can safely be placed within a body or a long period so as to release the medicament or a long period so as to release the medicament $n$ small doses． In the foregoing，the drug delive n small doses． I In the foregoing，the drug delive ry system is used for treating the circulatory sys ry system is used for treating the circulatory sys tem disease（forming the bypassing blood vessel） tem disease（forming the bypassing blood vessel）． Yet，it can be applied for other diseases．Some of Yet，it can be applied for other diseases．Some of other applications of the drug delivery system wil other applications of the drug delivery system wil 1 be described herein．$\& 1$ ）Regeneration of Cornea 1 be described herein．A Regeneration of Cornea When a cornea is damaged by an ophthalmologic di sease such as a cataract or glaucoma and／or an acc sease such as a cataract or glaucoma and／or an acc ident，the cornea has to be regenerated for treatm dent，the cornea has to be regenerated for treatm egenerative cells and／or factors for regeneration egenerative cells and／or factors for regeneration of the cornea should constantly be supplied to the

## Educational Value $=-0.30$

C83 vector $』$ Inverse PCR $』$ Inverse PCR（iPCR） allows to amplify rapidly unknown DNA sequences th at ank a region of known sequence（Ochman et al． 1988，1990）．The method uses the PCR，but it has usual orientation．The template for the primers is a restriction fragment that has been ligated up is a restriction fragment that has been ligated up
on itself to form a circle（Figure 3．2）．Here，the primers 5probe F and 5probe $\leftrightarrows R$（Table 3．3）were used to amplify desired but unknown AhHMA3 anking promoter regions from self－ligated bacterial arti ial chromosome（BAC）fragments．a desired flankin sequence known sequence restriction e．g．BAC －rev P－for $』$ Pfor $\Gamma \&$ cloning，sequencing pool of elf－ligated restriction fragments \＆Figure 3．2：Sc hematic of the inverse PCR procedure．Filled grey boxes represent the known core sequence．Hatched b oxes depict the desired anking regions．Here，BAC plasmid DNA was prepared from overnight cultures F E．coli BAC clones．DNA was digested with suitab

## Required Expertise $=0.36$

s，XhoI will cut the vector following standard reactions conditions．a Table 5．Restriction Enzy es That Do Not Cut the pGL3－Basic Vector．A AatII pu1102 I $₫$ Bsp120I $₫$ BssHII $₫$ Bst1107I $』$ Bst98I BstEII $a$ BstXI a Bsu36I a CspI a EcoRI a EcoRV I－PpoI \＆NdeI a NruI a NsiI \＆PflMI \＆PinAI $\&$ P meI a Pmli a Ppu10I a PstI \＆PvuII a RsrII a SacI I a Sgfi snabI a SplI a Sse8387I a StuI a SwaI $\&$ Tth111I $\& 8 . \mathrm{G}$ ．pGL3－Basic Vector Restriction Sit es（continued）Table 6．Restriction Enzymes That Cut the pGL3－Basic Vector 6 or More Times．$\&$ AciI $\Perp$ AluI $\&$ BbvI $』$ BsaOI $』$ BsaJI $\#$ Bsp1286I $』$ BsrI BsrSI $』$ Bst0I $\Perp$ BstUI $』$ CfoI $』$ Cfr10I $』$ DdeI $』$ Dp $\mathrm{II} a$ DpnII $\leadsto$ EarI $a$ Fnu4HI $』$ HaeII $\&$ HaeIII $九$ Hga I $\&$ HhaI $\approx$ HinfI $\&$ HpaII $\&$ HphI $\&$ Hsp92II $₫$ MaeI MaeII $\leadsto$ MaeIII $a$ MboI $\leadsto$ MboII a MnlI $a$ MspI $\leadsto$ M spA1I $』$ NciI $』$ NdeII $』$ NlaIII $』$ NlaIV $』$ PleI $』$ Sa
 II A 8．H．pGL3－Enhancer Vector Restriction Sites $\Perp$ Table 7．Restriction Enzymes that cut the pGL3－

## Facts $\boldsymbol{\&}$ Trivia $=0.58$

．uble transfectants behaved as did MDCK cells xpressing only the pIgR．To monitor transcytosis， polarized filter－grown monolayers were allowed to internalize 125 I －labeled human dIgA from the baso ateral side for 10 min at $37^{\circ} \mathrm{C}$ ，washed，and then ecultured in the absence of 125 I －dIgA for an addit onal 60 min ．In agreement with previous results ～50\％of the internalized 125 I －dIgA appeared by tra iscytosis in the apical medium by this time point not shown）（Breitfeld et al．，1990；Hunziker et ，1991）．A Next，FITC－Tfn and Texas red－dIgA（T －dIgA）were bound to the basolateral surface on ic 2.5 or 25 min ．In cells expressing both receptors at 2.5 min FITC－Tfn and TR－dIgA colocalized in bas olateral EEs（Fig． 8 A，top row，arrows）．After 25 min，both ligands were colocalized in more perinuc
mes lear，apical REs（Fig． 8 A，bottom row，arrows） Tfn and dIgA transit through the same EE and RE po pulations．（A）FITC－Tfn and Texas red－dIgA were bo und to the basolateral surface of MDCK cells doub

Educational Value $=0.48$
$\ldots$ es in bud development and some valve asymmet es can be observed，and are shown in more detail Figures $2 D-F$ ，J．The valve asymmetries were relat $a$ and fruits（in total，in between 40 and $20 \%$ of hem presenting defects，respectively，Figures 1 E ， ）．As observed in those gynoecia and fruits the efects observed in drnl－2 developing gynoecia，do not appear to be $100 \%$ penetrant，and also vary in severity from pistil to pistil．Examples of alter d growth were present from early gynoecium develo mental stages．In Figure 2D，a doughnut－shaped，po ssibly stage 8 young drnl－2 gynoecium can be obser ved，presenting a roundish central opening．In con trast，stage 8 （according to Smyth et al．，1990）W I gynoecia normally have an oval shape，present a bowtie shaped central opening，and the valve regio n can be clearly identified（Figure 2C）．Examples of valve asymmetrical growth in stage 9 and stage $10 \mathrm{drnl}-2$ are presented in Figures 2E，F．The image

Required Expertise＝ 1.10
feration，humoral immunity，and interleukin－2 xpression．Genes Dev．9： $1965 』$ Carrasco，D． Cheng，A．Lewin，G．Warr，H．Yang，C．Rizzo，F．Ro
sas，C．Snapper，R．Bravo．1998．Multiple hemopoie tic defects and lymphoid hyperplasia in mice lacki ng the transcriptional activation domain of the Rel protein．J．Exp．Med．187：973』 Liou，H．－C． Z．Jin，J．Tumang，S．Andjelic，K．A．Smith，M．－L iou．1999．c－Rel is crucial for lymphocyte prolif eration but dispensable for $T$ cell effector functi on．Int．Immunol．11： $361 』$ Poljak，L．，L．Carlson
K．Cunningham，M．H．Kosco－Vilbois，U．Siebenlis 1999．Distinct activities of p52／NF－KB require d for proper secondary lymphoid organ microarchite cture：functions enhanced by Bcl－3．J．Immunol． 16 3： 6581 Miyawaki，S．，Y．Nakamura，H．Suzuka，M． Koba，R．Yasumizu，S．Ikehara，Y．Shibata．1994． of lymph nods aly，that induce immunodeficiency in mice．Eur．J．Immunol 24： $429 \oplus$ Koike，R．，T．Nis himura，R．Yasumizu，H．Tanaka，Y．Hataba，Y．Hata

Facts \＆Trivia $=1.27$
．n．Decrease of Pdgfc expression in SOD1（G93A） mice restored vascular barrier properties，reduced motor neuron loss and delayed symptom onset by up to 3 weeks．Similarly，lower expression levels of PDGFC or PLAT in motor neurons of sporadic ALS pat ients were correlated with older age at disease on set．PDGF－CC inhibition and restoration of BSCB in tegrity did not prevent capillary regression at di sease end stage．Lower vessel density was found in spinal cords of sporadic ALS patients and the degr ee of regression in SOD1（G93A）mice correlated wi th more aggressive progression after onset regardl ess of BSCB status．We conclude that PDGF－CC－induc ed BSCB dysfunction can contribute to timing of AL Sonset，allow insight into disease origins and de velopment of targeted novel therapies．ATOR－inde pendent，autophagic enhancer trehalose prolongs mo tor neuron survival and ameliorates the autophagic 1 sclerosis．a Project description：Amyotrophic la al sclerosis（ALS）is a devastating neurodegene


#### Abstract

Educational Value $=1.15$ od prognosis．Although it is more aggressive han papillary cancer，it does not spread to the ly mph nodes but may metastasize to the lungs and bon es．．Medullary cancer（193）develops from the $t$ hyroid＇s C cells and is more aggressive，harder to treat，and may spread to the lymph nodes or other organs．Blood tests typically show an elevated car cinoembryonic antigen level．a There are three typ ltiple endocrine neoplasia，type II（MEN II），an nherited form with possible tumors in other endor ine glands，such as adrenal or parathyroid．There are two subtypes，MEN Type IIA（258．02）and MEN Iy pe IIB（258．03）．According to coding directives， se additional codes to identify malignancies（such as thyroid cancer，193）and other conditions assoc iated with MEN Type II，along with a code from sub category 258.0 （AHA Coding Clinic for ICD－9－CM， 20 07，fourth quarter，pages 70－72）．Anaplastic C ancer（193）is very aggressive with a poor prognos


## Required Expertise＝ 1.57

microscopy，intracellular events can be linked to external factors such as cell－cell interaction and ultimate cell fate．These methods give us rema ession，cellular interactions，and heterogeneous p rocesses．In fluorescence imaging，a laser is used to excite the fluorophores at a particular wavelen gth．Full field epifluorescence can then be used $t$ 0 measure the light as the fluorescent tags emit l ight while returning to their unexcited molecular state［23］．In confocal imaging，a pinhole in comb ination with focused laser light is introduced to effectively reduce background fluorescence and all ows optical sectioning of the sample by mechanical scanning．Varying the pinhole will effectively var $y$ the thickness of the sample being imaged，the im age resolution，and the acquisition time．a For so me applications，the use of fluorescent tags is no feasible．By continuously filming embryo materia tion，shape，and texture can be extracted from the

Writing Style $=0.85$
lled micro－environments and information theory to quantitatively characterize communication motif a Project acronym DISENTANGLE \＆Project Untang ling the Bacterial Chromosome：Condensin＇s Role in Sister Chromosome Separation and its Mechanisms a Researcher（PI）Stephan Gruber a Sunmary A prerequ anisms is the oro anisms is the topolosical unlinking of sister DNA s performed by DNA Hocaenates ． s performed by NA topoisomerases that work by tra $x$ and nsiessing $x$ and passing another doub NAM ge to recognize linkazes between sister DNA molecu ge to recognize linkages between sister lematids（but not catenation）is still largely unk romatids（but not catenation）is still largely unk nown．The driving hypothesis of this project is th ut condensing the unlinking activity of DNA topoisomerase S．Condensin is a member of the family of SMC（Str uctural Maintenance of Chromosomes）protein comple

## Facts \＆Trivia $=2.00$

During this project I aim to establish a wor d－class laboratory in structural and cellular bio logy of emerging viruses．The project greatly bene fits from our unique biosafety level 3 laboratory ore it will also par way for similar projects ore it will also pave way for similar projects on other 1 ecto vis． ational image project will be broadly applicable for the in this project will be broadiy applicable for the analysi s of flexible biological structures，which of ten $p$
ose the most challenging yet interesting questions ose the most challenging yet interesting questions in structural biology．AProject acronym CSUMECH Researcher（PI）Bjørn Pedersen a Host Institution （HI）AARHUS UNIVERSITET $』$ Summary Cardiovascular isease，diabetes and cancer have a dramatic impact isease，diabetes and cancer have a dramatic impact
on modern society，and in great part are related $t$ 0 uptake of cholesterol and sugar．We still know s urprisingly little about the molecular details of the processes that goes on in this essential part the processes that goes on in this essential part
of human basic metabolism．This application addre

Educational Value $=2.09$
nd probably result in gangrenous mastitis．So these leukocytes are beneficial by destroying bact eria；however，leukocytes are also detrimental bec eased milk production and poor milk quality understand this relationship，we need to review th $e$ anatomy of the udder and how milk is produced I ust as nutrients are transported from the bloodstr eam into mammary tissues to be converted into milk ，leukocytes are also transported into milk as a s urveillance mechanism to look for bacteria．In the typical uninfected mammary quarter，the leukocyte （or somatic cell）numbers remain less than 200，000 ／ml．Now，keep in mind that each mammary quarter i $s$ composed of millions of microscopic alveoli．Eac $h$ alveolus，which is drawn out of proportion in th e figure below，is a three－dimensional sphere com posed of a layer of milk－producing cells that surr ounds a lumen or collecting space，which drains mi lk to the gland and teat cisterns before exiting $t$

## Required Expertise $=2.01$

s and is regarded as a candidate tumor suppres sor gene；however，the mechanism by which BLCAP ex erts its function remains elusive．This study inve stigated the functional association between BLCAP and proliferation or apoptosis in cervical cancer cells，to identify the functional motifs of BLCAP． The BLCAP－shRNA expression vector based on pRNA－U6 ．1／Hygro plasmid was used to specifically inhibit BLCAP activity in HeLa cells．The optimal shRNA pl asmid was selected to knock down BLCAP expression effects an by flow cytometric or Annexin V－FITC staining anal ysis．The gene expression profiles of HeLa cells $t$ ransfected with blcap－wt and BLCAP－shRNA were anal yzed using human signal pathway gene 0ligochips．T he levels of protein expression and interaction of BLCAP with Rb1 proteins were determined by western blotting and Co－IP assays．The site－specific mutag enesis assay was used to identify amino acid resid ues important for BLCAP．Significantly differentia

Table 37．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 22 （ $\mathbf{1 . 8 \%}$ ）al，et，doi，org，https，journal，pp，study，analysis，patients．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile |
| :---: | :---: |
| Writing Style $=-1.46$ | Writing Style $=-0.90$ |
| ticle incorporates text from this source，whic $h$ is in the public domain．${ }^{\wedge}$ a a Gould MK，Garci a DA，Wren SM，Karanicolas PJ，Arcelus JI，Heit JA Samama CM（2012）．＂Prevention of VTE in Nonortho pedic Surgical Patients：Antithrombotic Therapy an d Prevention of Thrombosis，9th ed：American Colle ge of Chest Physicians Evidence－Based Clinical Pra ctice Guidelines＂．Chest． 141 （ 2 supp1）：e227S－e27 75．doi：10．1378／chest．11－2297．PMC 3278061．PMID 2 2315263．＾Gould MK，Garcia DA，Wren SM，et al． （2012）．＂Prevention of VTE in nonorthopedic surgic al patients：antithrombotic therapy and prevention of thrombosis，9th ed：American College of Chest P hysicians evidence－based clinical practice guideli nes＂．Chest． 141 （suppl 2）：e2275－e2775．doi：10． 13 78／chest．11－2297．PMC 3278061．PMID 22315263．As ab Stewart DW，Freshour JE（2013）．＂Aspirin for $t$ he Prophylaxis of Venous Thromboembolic Events in Orthopedic Surgery Patients：A comparison of the A AOS and ACCP Guidelines with Review of the Evidenc e＂．Annals of Pharmacotherapy． 47 （1）：63－74．doi： | calf CJ，de Swart RL，Osterhaus AD，Grenfell B <br> T．Long－term measles－induced immunomodulation incr eases overall childhood infectious disease mortali ty．Science．2015；348（6235）：694－9．Epub 2015／05／09 <br> pmid： $25954009 \Perp 13$ ．Radecke F，Spielhofer P，Sch neider H，Kaelin K，Huber M，Dotsch C，et al．Resc ue of measles viruses from cloned DNA．Embo J． 199 5；14（23）：5773－84．Epub 1995／12／01．pmid：8846771 14．Galanis E，Atherton PJ，Maurer MJ，Knutson KL， Dowdy SC，Cliby WA，et al．Oncolytic measles virus expressing the sodium iodide symporter to treat dr ug－resistant ovarian cancer．Cancer Res．2015；75（1 ）：22－30．Epub 2014／11／16．pmid：25398436 \＆15．Russ ell SJ，Federspiel MJ，Peng KW，Tong C，Dingli D， Morice WG，et al．Remission of disseminated cancer after systemic oncolytic virotherapy．Mayo Clin Pr oc．2014；89（7）：926－33．Epub 2014／05／20．pmid：24835 $528 \Perp 16$ ．Mader EK，Butler G，Dowdy SC，Mariani A， Knutson KL，Federspiel MJ，et al．Optimizing patie st dor a phase I clinical trial in ovarian cancer． |

## Facts \＆Trivia $=-0.86$ <br> ．Is in pakistan have suspended a nationwide ant polio campaign that＇s after the killing of a he th worker and two policeman escorting vaccination teams pakistan is one of three countries in the wo rld where polio is still endemic but threats by ar rld where polio is still endemic but threats by ar med groups and social attitudes have prevented man ead what got all this for rafael nadal has a bad d ead what got all this for rafael nadal has a bad d all the details the e．u．and．in two thousand an all the details the e．u．．and．in two thousand an eme．preparing some of india＇s poorest children fo eme．preparing some of india＇s poorest children fo $r$ entry into its toughest universities．ten years on we return to see how the students and the schem e are helping change the face of india super thir ty amount easier $\mathrm{Cl} 』$ ，al－jazeera janice burg． security forces in afghanistan a free dozens of isoners from a jail run by the taliban u．s．specia 1 forces joined the raid in zabul province the jai 1 was how the housing mainly security officers som

Educational Value $=-1.04$

|  <br> ．Dari＇Abdullah bin＇Abbaas radliyallaahu ；anhumaa，ia berkata ：＂Ketika Rasulullahshallalla ahu＇alaihi wa sallam berpuasa di hari＇Aasyuuraa dan memerintahkannya，para shahabat berkata ：＇Ses ungguhnya ia adalah hari yang diagungkan oleh oran g－orang Yahudi dan Nashrani＇．Maka beliau shallall aahu＇alaihi wa sallambersabda ：＇Tahun depan，ins ya Allah，kita akan berpuasa di hari kesembilan＂． Ibnu＇Abbas berkata：＂Sebelum tiba tahun depan，R asulullah shallallaahu＇alaihi wa sallam telah waf at＂［Diriwayatkan oleh Muslim no．1134］．a Dari Ib ＇Abbaas ia berkata tentang（puasa）hari＇Aasyuu raa＇：＂Selisihilah orang－orang Yahudi dan berpuas alah di hari kesembilan dan kesepuluh＂［Diriwayatk an oleh＇Abdurrazzaaq no． 7839 dan Al－Baihaqiy dal am Al－Kubraa4／287；shahih］．AJadi jelas perbedaan nya bahwa puasa＇Arafah tidak tergantung pada urut an hari dalam bulan Dzulhijjah，namun pada pelaksa naan wuquf di＇Arafah．a＂Berbuka kalian adalah ha ri kalian berbuka dan penyembelihan kalian adalah |
| :---: |

## Required Expertise $=-0.26$

es＂．«J＇étais dans mon conteneur quand j＇ai entendu du bruit à l＇extérieur．Je n＇ai pas voulu s mon habitation alors je me suis enfui en courant Le feu était juste à côté de moi，j＇ai eu très eur »，continue le jeune homme．a https：／／scd．info migrants．net／media／resize／my＿image＿big／5ee1d03bc3e 6b4c9e59dee2ed39bfefd76f423ca．jpeg a « La zone pai e le prix de l＇indifférence et de l＇abandon »，est ime sur Facebook Facebook 1＇association des habita nts de Moria et des autres villages environnants a ui appelle les autorités à agir rapidement pour tr ouver une solution pour les demandeurs d＇asile qui se retrouvent sans abri．$₫$ La semaine dernière，le s autorités ont détecté un premier cas de coronavi rus à Moria et ont mis le camp en quarantaine pour quinze jours．Après la réalisation de 2000 tests de dépistage， 35 personnes ont été détectées posit ves au Covid－19 à Moria et mises à I＇isolement． De strictes mesures de circulation ont été impose s dans les camps de migrants depuis la mi－mars．L

## Facts $\boldsymbol{\&}$ Trivia $=0.25$

．．en she had willingly poisoned her own husband 20，21］The well－known historian Abü al－Faraj al－ ed to take the pledge of allegiance from the win for his son Yazid In spite of this，Imam al－Has an stood in his way and he would not allow this take place．Due to this reason he had the Imam po isoned a In conclusion，it must be said that phen Imam al－Hasan（＇a）was martyred and this news reac hed Mu＇äwiyah，he expressed great happiness and he and his officials even prostrated in their happine ss ．News of the martyrdom of the Imam（＇a）also re ached Ibn＇Abbās，who happened to also be in Syria Ibn＇Abbās went to see Mu＇äwīyah and when Se arr ived at the court，Mu＇ãwiyah said to him：＂Oh Ibn Abbās，I have heard that Hasan ibn＇Alihas passed away＂．Ibn＇Abbās said to him［22］：＂We belong to A llah and to Him we are ever returning＂．He then re peated this verse several times（in expressing his grief and sorrow）．$\#$ Ibn＇Abbās then said：I heard grief and sorrow）．In Abbas then said：I heard

| Educational Value $=0.09$ |
| :---: |
| ss and K．Saijo，＂Nuclear receptor transrepres sion pathways that regulate inflammation in macrop hages and T cells，＂Nature Reviews Immunology，vol 10，no．5，pp．365－376，2010．View at：Publisher Site｜Google Scholar \＆P．Tontonoz and B．M．Spie gelman，＂Fat and beyond：the diverse biology of PP ARY，＂Annual Review of Biochemistry，vol．77，pp． 289－312，2008．View at：Publisher Site｜Google Sc holar \＆S．Han and J．Roman，＂Peroxisome prolifera tor－activated receptor Y ：A novel target for canc er therapeutics？＂Anti－Cancer Drugs，vol．18，no． 3，pp．237－244，2007．View at：Publisher Site｜Go ogle Scholar A．K．Reka，H．Kurapati，V．R．Nara la et al．，＂Peroxisome proliferator－activated rece ptor $-\gamma$ activation inhibits tumor metastasis by an tagonizing smad3－mediated epithelial－mesenchymal t ransition，＂Molecular Cancer Therapeutics，vol．9， no．12，pp．3221－3232，2010．View at：Publisher Si te｜Google Scholar a T．Itoh，L．Fairall，K．Amin et al．，＂Structural basis for the activation of PP ARgamma by oxidized fatty acids，＂Nature Structura |

Required Expertise $=0.70$
Crone．2020．Developmental trap or demograph ic bonanza？Opposing consequences of earlier pheno logy in a changing climate for a multivoltine butt ps：／／doi．org／10．1111／gcb． 14959 \＆ 2020 Konapala，$G$ ps：／／doi．org／10．1111／gcb． 14959 』． 2020 Konapala，G． learning assisted hybrid models can improve stream flow simulation in diverse catchments across the c onterminous US．Environmental Research Letters． 15 （10）：104022．https：／／doi．org／10．1088／1748－9326／aba $927 \Perp 2020$ Lang，B．J．，M．P．Widrlechner，P．M．Dixo h，and J．R．Thompson．2020．Can climatic variables improve phenological predictions for butterfly spe cies？．Journal of Insect Conservation．24（2）：375－3 83．https：／／doi．org／10．1007／s10841－019－00212－3 020 Laufenberg，D．，D．Thoma，A．Hansen，and J ．2020．Biophysical Gradients and Performance of $W$ hitebark Pine Plantings in the Greater Yellowstone 3390／f11010119 2020 Martinez－Feria，R．A．and B． Basso．2020．Unstable crop yields reveal opportuni

Writing Style $=-0.25$
I．（2020）．Molecular principles of assembly，
activation，and inhibition in epithelial sodium cher activation，and inhibition in epithelial sodium ch annel．eLife，9，1－23．［e59038］．https：／／doi．org／1 bly，activation，and inhibition in epithelial sodi bly，actin ，si radwaj Arpi Ho；House Alexal radwaj，Arpita；Houser，Alexandra；Baconguis，Isab elle．』In：eLife，Vol．9，e59038，07．2020，p． 3．Noreng，S，Posert，Bharadwaj，A，Houser， \＆Baconguis， 1 2020，Molecular principles of asse mbly，activation，and inhibition in epithelial sod ium channel＇，eLife，vol．9，e59038，pp．1－23．htt t R，Bharadwaj A，Houser A，Baconguis I．Molecular principles of assembly，activation，and inhibition in epithelial sodium，actival elife and inibitio 23．e59038 https／／doi rg／10 7554／el ife 59038 Noreng Sigrid ；Posert Richard ；Bharadwa，Ar ta ；Houser，Alexandra．Baconguis，Isabelle，Ar lecular principles of assembly，activation，and in hibition in epithelial sodium channel．In：eLife．

## Facts \＆Trivia $=1.00$ <br> ．ble 1 （Moradbak et al．2016）．』Table 1．Condi tions for Producing Unbleached Bamboo ASAM Pulp a NaOH，sodium hydroxide；Na2S03，sodium sulfite；AQ anthraquinone；EDTA，ethylene diamine tetraaceti acid；L／W，liquor to wood ratio；Temp，temperatu acid；L／N，liquor to wood ratio；Temp，temperatu amboo ASAM pulp was beaten according to TAPPI I $b$ 0 sp－96（1997）．Briefly， 24 g of oven－dried（ 020 unbleached bamboo ASAM pulp was weighed and soaked in 2 L of distilled water for 4 h ．The pulp was th in 2 L of distilled water for 4 h ．The pulp was th －2000，Regmed，Brazil）for 75,000 revolutions．The pulp was then beaten for 10,000 revolutions．The $f$ reeness of unbleached bamboo ASAM pulp was determi ned in accordance with TAPPI T 227 om－99（1999） Handsheet formation $₫$ Prior to handsheet formation the unbleached pulps were disintegrated in a Bri tish disintegrator for 3,000 revolutions．Handshee ts were formed in a sheet machine in accordance wi th the TAPPI T 205 －sp－95（1995）to make sheets wit

Educational Value $=0.77$
．ased from rewetted soils a Fraser，F．C．，Cors
tanje，R．，Deeks，L．K．，Harris J．A．Pawlett，M Todman，L．C．，Whitmore，A．P．and Ritz，K． 201 6．On the origin of carbon dioxide released from r ewetted soils．Soil Biology and Biochemistry．101， pp． $1-5$ ．https：／／doi．org $/ 10.1016 / \mathrm{j}$ ．Soilbio． 2016.06 $.032 \Perp 150$ years of macronutrient change in unfert $.032 』 150$ years of macronutrient change in unfert a Davies，J．A．C．，Tipping，E．and Whitmore，A． ．2016． 150 years of macronutrient change in unfer tilized UK ecosystems：Observations vs simulations tilized UK ecosystems：Observations vs simulations 485－1495．https：／／doi．org／10．1016／j．scitotenv． 2016 .03 .055 Population collapse of Lumbricus terrest ris in conventional arable cultivations and respon se to straw applications a Stroud，J．L．，Irons，D Watts，C．W．，White，R．P．，McGrath，S．P nd Whitmore，A．P．2016．Population collapse of Lu mbricus terrestris in conventional arable cultivat il Ecology． 108 （December），pp．72－75．https：／／

## Required Expertise $=1.24$

452－455．doi：10．1038／ngeo2719 Alecian， and LeBlanc，F．（2002）．New approximate formulae or radiative accelerations in stars．Mon．Notices 8711．2002．05352．x Allende Prieto，C．Lambert，
and Asplund，M．（2001）．The forbidden abunda nce of oxygen in the Sun．Astrophys．J．Lett．556， asu，S．（1994）．Nonasymptotic helioseismic inversi on for solar structure．Astron．Astrophys．Suppl． Ser．107，421－444．Antia，H．M．，and Basu，S． 005）．The Discrepancy between Solar Abundances and Helioseismology．Astrophys．J．Lett．620，L129－L13
2．doi： $10.1086 / 428652$ \＆Antia，H．M．，and Basu，S （2006）．Determining solar abundances using helio seismology．Astrophys．J．644，1292－1298．doi： 10. 1086／503707 Appourchaux，T．，Antia，H．M．，Ball W．，Creevey，0．，Lebreton，Y．，Verma，K．，et al．＇（ 2015）．A seismic and gravitationally bound double star observed by Kepler．Implication for the prese
nce of a convective core．Astron．Astrophys．582：A

Writing Style $=0.66$
d Tautz［2010］reported）．Different measures o f evolutionary constraint such as the strength of selection against protein－changing mutations，the age of the genes（which is what the original study focused on），or the conservation of their regulato urglasses，there are a couple of funnels，and then there there are parameters that just don＇t exhibit much systematic change atily（ a couple of points about potentially dodgy statistical app the difference bereen an That＇s a bit scary．）I can＇t say I＇ve properly digested this paper．There＇s owful pot in nd，my head was spinning non－stop when I finished reading．It＇s definitely fascinating stuff thoush and once arain，the conclusion is that thinas ar More corich，（Im kind of getting used to hat at this point．．）Before you could look at a gr oup of creares．．．）Before ，yoir cold low a gr funnel or hourglass？Then you could ask why．№

Facts \＆Trivia $=1.81$
because the trial was allegedly conducted dur ing times of low pest presence；therefore，on 19 J une 2001，it ordered a repetition of the field tri the Indian Council of Agricultural Research（ICAR） （Cohen and Paarlbers 2004；Jayaraman 2000．2001． Raghuram 2002）．On 26 March 2002，the GEAC 2001； nally approved the comercializ， anto hybrids．MON 531 （boll grd 1），MECH 12 MECH 162 and MECH 184 －for a 3 year period from April 2002 －March 2005 （Qaim et al 2006；Rrom April 2002－March 2005 （Qaim et al．2006；Raghuram， 200 2；Jayaraman and Bouchie，2004；Jayaraman，2002；S
tone，2007c；Herring，2015）．Because of the percei tone，2007c；Herring，2015）．Because of the percei ved fear of the seeds＇susceptibility to leaf curl ze these seeds in North India．Subsequently，the $G$ ze these seeds in North India．Subsequently，the
EAC approved one more hybrid in 2004 and 16 more i EAC approved one more hybrid in 2004 and 16 more 1 （Gruère et al．2008）．Another facet of the chron ology was Monsanto＇s shrewd business move vis－à－vi ology was Monsanto＇s shrewd business move vis－à－vi
s accusations of preferential treatment by the reg

Educational Value $=1.59$
nate at the LC（Li et al 2016）the dopamine rgic afferents originate at the hypothalamus（Qu e t al．，2006），whereas serotonin afferents originat at the parapyramidal region of the medulla oblon gata（Jordan et al．，2008）．Overall，excitatory ci rcuit elements within the MLR play a central role in the initiation of locomotion，which is compleme nted by modulatory biogenic amines（Figures 1A，B）． Basal Ganglia Circuits as a Functional Module fo the Initiation of Goal－Directed and Exploratory Locomotion $₫$ The striatum and STN receive topograp nically organized synaptic projections from severa uding primary MC，dorsal and ventral premotor cort ices，supplementary motor area，and the rostral， d orsal and ventral portions of cingulate motor area s（DeLong and Wichmann，2007）．Therefore，BG is a central hub for the integration and execution of c ortical information．Strikingly，while MC is essen tial for the acquisition of timed instrumental mot

## Required Expertise $=1.85$

classifier）that was trained on three of the speakers and was tested on the unseen speaker．Bec ause the baseline decoding accuracy depends on the signal－to－noise ratio across neural sites，we divi
ded the phonetic feature classification accuracy $f$ or the unseen speaker by the classification accura cy when the classifiers were trained within each s peaker．Within speaker phoneme classification was done by training and testing of the phoneme classi fier using utterances from the same speaker（ $10 \%$ c ross－validation）．This normalized phonetic feature classification accuracy on the held－out speaker wa s defined as the degree of phonemic categorization ，and we call it speaker invariance index．Joint spatial organization of acoustic feature tuning es To find the correlational structure of tuning to $V$ arious acoustic attributes，we used the method of principle component analysis（PCA）．PCA is a dimen sionality reduction technique that combines the mo st correlated dimensions in the data．In our analy
sis，each characteristic map was considered a feat

Table 38．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 23 （ $\mathbf{1 . 8 \%}$ ）album，band，song，music，songs，rock，guitar，like，new，sound．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th |
| :---: | :---: | :---: |
| Writing Style $=-1.17$ | Writing Style $=-0.09$ | Writing Style $=0.82$ |
| sed her brand，spanking new album based on her fictional alter ego，Roman．The album has evolved into a very successful album－as it has debuted $n$ 01 on the Billboard chart．But the quality lacks． Seriously．I have never been so angry in my life． I was surprised，confused and vex when I actually listened to this album．On paper，the album sounds like it could be amazing－Nicki stated that she di lence；which is fair enough．But，I＇m going to be honest．Sex and violence is what made Nicki，Roman and Martha famous in the first place．It＇s like ta king the Yankee hat away from Jay $Z$－whats the poi nt？a The album almost has two sides．There is a h iphop attempt（＂Roman Holiday＂，＂Come on a cone＂， ＂I Am Your Leader＂，＂Beez in the Trap＂，＂HOV Lane＂ ＂Roman Reloaded＂and＂Champion＂）and a pop，all star attempt（the other 11 tracks）．Oh，I forgot， there was this one track where she tried to merge her Trinidadian roots with pop，creating＂Gunshot＂ her Trinidadian roots with pop，creating＂Gunshot＂ | $m$ Chats with Prin，and all things creatively c alm for musicians，writers，and educators．an New M editation Music by Prin a by Prin Dumas on Novembe r 4， 2020 November 4， 2020 a Meditation in 696 －S ongwriting Demo e During Covid quarantine，I＇ve ha $d$ to sharpen skills at home to help me be self－suf ficient in my music，songwriting，creative project s，and all that fun stuff．One skill has been a ho bby in the past－production．I＇ve usually arrange $d$ and produced my work，and then paid a profession al producer to take an audio to a polished，qualit y level．Well，now that producer has to be me unti 1 further notice，and I＇ve been exploring soundsca pes and rough demos．I＇m using GarageBand，which i s a great beginner DAN and allows me to work off o f my iPad easily．A I wrote Meditation in 696 with a few＂structure＂ideas in place to help me do it． As a meditation melody，I chose the key of $G$ to fo cus on the throat chakra．I chose tempo 96 ，becaus e I wanted to include some spiritual numerology id | ple．For years to come expect bands from all o ver Medway to long for their music to be introduce d as＇The Preservation Society Presents．．＇a Kids U nique debut single＇Seymour Evil＇is out now on di gital download．$₫$ Vol 1 of the singles vinyl club is out now featuring Theatre Royal and Kids Unique a Volume 2 features Dartford＇s Dead Lovers and Mar gate＇s Pantonime Villains．Both can be bought excl usively through the website：www thepreservationso cietypresents．com．\＆A Medway Vision 4－Blues Mi sadventures \＆You probably think you know what blu es music sounds like．You＇ve probably seen lots of bands in pubs with a blues－based sound．You know $t$ he sort of thing，tribute acts；white men with al ove of the blues singing about what it＇s like to b e a poor black man in 1930＇s America．You＇re absol utely right．It sounds good but it＇s not REAL blue s，music of genuine pain，anguish and hardship．Ha ith that Detroit genius Jack White．It＇s right her $e$ in Medway too．And this being Medway，it＇s rathe |

## Facts \＆Trivia $=-1.35$ <br> ．provide power and momentum as well as the sig nature piano，continuing the epic feel Coldplay ha ve been striving for recently．It also stretches ihanna vocally，both technically and emotionally ihanna vocally，both technically and emotionally a bonus to hear considering she normally settles or lazy－sexy．The production may have a glossy she en but it＇s a successful collision of two opposing nusic worlds．Ultimately Princess of China is a of both sets of fans．Perhaps there is hope for＇$M$ ylo Xyloto＇after all？（NB．As below，the only v ideos available are of shoddy quality－I＇m assumi ideos available are of shoddy quality－Im assumi ng this isn＇t representative of the final mix）$\mu \mathrm{T}$ he Adam Street Singers－Rock On＠The Lost Theatr he Adam Street Singers－Rock on＠The Lost Theatr Hill has written a＂Vizzle＂review of the Adam Str eet Singers．Being a member of the choir，my revie w would of course be more than a little biased，bu an audience member．So without further ado．．．here an audience member．So without further ado．．．here goes．．．．$\AA$ The Adam Street Singers－Rock On $₫ A$

Educational Value $=-1.97$
．a One fan said，＂Tell Kendrick to drop then． To which Q obliged．Aye＠kendricklamar drop ht pping another album right Q？＂Which he sarcastical pping another album right Q？Which he sarcastical ly responded with，＂Naw ima full time twitch strea
mer．Wats rap？＂a Naw ima full time twitch streame ．Wats rap？https：／／t．co／BBYcphhQ9r al Fed up，one ser responded to this tweet with a video of him o $n$ stage and a caption that read，＂cmon dawg like ont you miss performing．＂ashortly after，ScHoolb oy you miss performing．© Shortly after，Schoold back．＂My last show in da states befo COVID．．．Yea ima put music out．＂\＆My last show in a states befo covid ARAM Yea ima put music out．https：／／t．co／f30I9WCM1C $A Q$ would furth er confirm this sentiment in a response to another frustrated Twitter user saying，＂Damn．．．ok ima come
back＂ t．co／ELZWOHBfaR $A$ The spree would come to a clos e with one final tweet from the LA rapper stating I＇m Headed to the gym CuHz ima bad one．Peace 4

Facts \＆Trivia $=-0.56$
Kudu Records material of the time－which mig it have been an inspiration for these guys！The al bum was recorded on the Atlanta scene of the late
70 s ，with lead guitar from Gary Ruffin－and title 70 s ，with lead guitar from Gary Ruffin－and title
s include＂Get Up \＆Get Down＂，＂Summer Love＂，＂Ran S include＂Get Up \＆Get Down＂，＂Summer Love＂，＂Ran dy＇s Nap＂，＂Simple Song＂，and＂Journey Through The
Night＂．CD Also available Journey Through The ght ght ．．．LP $14.99 』$ Disco Space Funk Band－Journey
Through The Night $\ldots$ LP $\&$ Baby Grand／Everland（Au stria），1978．New Copy（reissue）．．．$\$ 14.99$ a A swe et little record that＇s way better than you might et littie－record that s way better than you might ever guess from the title－almost more of a jazz
funk effort overall，with excellent work on unk effort overall，with excellent work on guitar the album，but maybe more in a backup sort of way －and although the cuts could work on a dancefloor they＇ve often got the mix of jazz and groove th you＇d find in some of the funkier Kudu Records $m$ aterial of the time－which might have been an ins piration for these guys！The album was recorded on the Atlanta scene of the late 70s，with lead guita

Educational Value $=-1.28$
．erived from acts like Blondie．But even if so you can easily have worse role．．．Continue reading 18 years old）and talent singer and songwriter fro $m$ the northern parts of Sweden．She breath and liv es with music nearly 24／7，since she＇s at music sc hool during daytime and practice and write stuff n early all other time．So please listen to this up－ tempo popish song，with a．．．Continue reading Shot I The Dark Alla Motgångar A Hillevi，our latest signing，is a five piece act with loads of punk en ergy．That together with some small hints of class ergy．That together with some small hints of class of great Swedish music．The band started up as a r esult of a truly black story．The singer Adam went through a depression with angst．．．Continue reading Alla Motgångar 』Stjärnorna och Juvelerna 』＂In th e middle of everything，just you and me，only when you＇re happy，just like we said．．．＂That is the stor y told by Rickard och Juvelerna in their Daniel Gi

## Required Expertise＝－1．25

spent with a psychologist．a Two tracks follow ed that are quite critical of their subjects．Carl Simon with a song supposedly about Warren Beatt －YOU＇RE SO VAIN and then it was Modest Mouse wi ，but God，who＇d want to be such an a hole＂Trea ．$\uparrow$ Next was a wonderful song from George Harriso n，dedicated to John Lennon：ALL THOSE YEARS AGO． Here，in tribute to both of them，is the clip． e closed the show with one of my favourite new art ists，Julian Velard，with JIMMY DEAN \＆STEVE McQEE $N$ ．Here＇s the complete playlist．If the title do esn＇t tell the story，I＇ve bracketed the person wh oved Happiness Pop 4 a We Made You 4：48 Eminem Re lapse Hip－Hop $2 \Perp$ Black Velvet（About Elvis）4：49 Alannah Myles The Very Best of Alannah Myles Rock $3 \omega$ Sweet Gene Vincent 3：33 Ian Dury Alternative 5 Sir Duke（Duke Ellington）3：52 Stevie Wonder Son gs In The Key Of Life Funk $5 』$ Bette Davis Eyes 50 Kim Carnes Mistaken Identity Pop $2 \boldsymbol{A}$ Michael

Facts \＆Trivia $=0.14$
．$m$ rollout，instead opting to release the album suddenly because of her intuition；she stated that her gut feeling told her＂if you make something yo Would you tell me to go straight to the world hext to her but Was what I did to you［55］The bum does not completely avoid plush synths and pro grammed beats characteristic of Swift＇s grammed beats characteristic of Swift＇s pop music， texture，［52］delivering an electro－acoustic sounds cape．You heard the rumors from Inez＂Mad Woman＂ is a tense sequel to＂The Last Great American Dyn sty＂，and is noted as a scathing version of＂The M an＂（2019）Confidential（1997），Pan＇s Labyrinth（ 2006），Jane Eyre（2011）Marriage Story（2019）， 13 and The Last Dance（2020）［14］and read more boo ks than she ever did，books that＂dealt with times past，a world that doesn＇t exist anymore＂such as Rebecca（1938）by Daphne du Maurier．Most times，b ut this time it was true Wikis．［296］，Credits are
Educational Value $=-0.61$
rock band to play in the Soviet Union，land of
．．rock band to play in the Soviet Union，land of
Stoli and caviar！$a$ The history making concerts at Moscow＇s Olympic Stadium，where the band played to Moscow＇s Olympic Stadium，where the band played to
a total of 180,000 people across ten consecutive n ights（following a welcoming reception that Bernie remembers as being＂something like Beatlemania＂） represented not just an achievement for Uriah Heep but a major breakthrough for western music in gene ral，opening the door for the likes of the Scorpio ns，Bon Jovi，Status Quo and Motley Crue．a＂We we re so aware of being ambassadors of the West，＂Mic $k$ Box told Music Week shortly afterwards．＂If we＇d have gone there and created rock and roll havoc it could have been（Iron）curtains for other bands wa nting to go，excuse the pun．We were definitely te sting the water．＂a More significantly，however，t he event became the launching pad for the new line －up，the concerts being recorded and subsequently issued in the form of the commemorative Live In Mo scow album（their first release for Legacy Records

## Required Expertise $=-0.67$

detract from what power the album might have therwise contained（the words＂die，＂＂death，＂or funeral＂appear in every song．）』The book seems so self－centered that one wonders whether or not S
ixx truly grasps whether or not other people might actually have been as affected by his addiction as he．$₫$ He has five children from two separate marri ages（both to former Playboy Playmates），none of $w$ hom are mentioned here．$\leftrightarrows$ On the track＂Dead Man＇s Ballet＂he goes on a rant against his own father： ＂You miserable father／the one who ignored me for $h$ alf of my life／now I can＇t even look at you／why wh $y$ why？＂』But none of this should come as much of a surprise，since Sixx tips us off to his self－cen tered theme almost right away in the album＇s opene ，the unfortunately hilariously－titled＂Xmas in H ell，＂where he states，＂Thirty minutes ago／I could have killed somebody／or better yet．．myself．＂Lyri cs like this make me question the validity of Sixx s alleged purpose behind the creation of the albu ．And what about the rest of the album，you ask

Writing Style $=1.64$


#### Abstract

$\ldots$ er－think raucous recording sessions，armies of female＇companions＇，lakes of booze and iconic slots at Donington（Download in new money）－may $h$ ave been a whole barrel of chaotic fun，but those ave been a whole barrel of chaotic fun，but those times also came with personnel shuffles and manage ment chaos．Even Wonder Days，the band＇s remarkabl e comeback album in 2015，was no walk in the park， with Matthews conquering a life－threatening illnes s during the recording process．AThrough it all， Thunder survived－which leads us to Rip It Up，th eir eleventh studio album．It＇s a record with big boots to fill，as Wonder Days raised the bar signi ficantly for its creators when it came to creating a follow－up．Fortunately，Rip It Up steps up to th ngs that cover a wide range of sounds and emotions to the rock territory of 2017 ＂Rip It tainly not Thunder by numbers．it was a real chall tainly not Thunder by numbers：it was a real chall ongs and produced the album during the spring and summer of 2016 at Rockfield Studios in Wales．＂Eve


## Facts \＆Trivia $=1.04$

Klaatu＇s second album，entitled Hope，was rel eased in＇77 and did little to dispel any rumors though，being a high－concept prog rock album rele ased during the Noah＇s flood of high－concept prog rock albums released in the mid－70＇s，sales had st arted to stagnate）．By the release of Sir Army Sui $t$ ，the band s third album，the rumor was effective ly killed．The band（and their label）included act al photos of the band in their promotional materi al for the first time，which finally gave the band faces but unfortunately was also the nail in the c offin of Klaatu＇s mainstream success．They did car ry on for a few more years，however，releasing two
further albums before taking off to their home pla further albums before taking off to their home pla
net（of Toronto）and leaving us with a mostly stel net（of Toronto）and leaving us with a mostly stel
lar－if not somewhat puzzling－body of work．a T he band broke up in the early eighties，with Dee L ong going to work for EMI for a brief time（and ev en got to meet Paul McCartney，once）before finall y moving to producing animation and working on mus in his spare time（he even has a Bandcamp！）

Educational Value $=0.16$
born in the Cambridgeport neighborhood of Camb ridge，Massachusetts，to John H．Hodges and Katie Swan Hodges，both originally from Virginia．After moving for a short period of time to North Cambrid ge，the family moved to Hammond Street in the Sout $h$ End of Boston，where he grew up with baritone sa xophonist Harry Carney，and saxophonists Charlie
olmes and Howard E．Johnson．His first instruments were drums and piano．While his mother was a skill ed piano player，Hodges was mostly self－taught．On ce he became good enough，he played the piano at $d$ ances in private homes for eight dollars an evenin g．He had taken up the soprano saxophone by his te ens．It was around this time that Hodges developed the nickname＂Rabbit＂，which some people believe a rose from his ability to win 100－yard dashes and o utrun truant officers，while others，including Car utrun truant officers，while others，including Car
ney，said he was called by that name because of hi ney，said he was called by that name because of hi iches．When Hodges was 14 he went with his eldes sister to see Sidney Bechet play in Jimmy Cooper

## Required Expertise $=0.00$

Behind The Picture＂is a noise freakout worthy of your favorite late－60s band．But reducing Socia 1 Rust to one easily－identifiable genre would be m issing the point－despite aspects of psychedelia，S hing always slightly wrong about the album，someth ing voyeuristic about it，whether you＇re witnessin g something you shouldn＇t or witnessing something second－hand or being witnessed yourself．＂I wonder what I do／Seeing what I see／I look at everybody／Lo oking at me，＂Frye sings on＂Baby In The Backroom＂ ，simultaneously the gazed and the gazer，helpless ly assuming both roles．In doing so，we also assum e those roles over the course of the album．Split into three sections，the first third of the album seduces us into PC Worship＇s way of seeing，the se cond third we see as PC Worship sees，and the last third PC Worship stare back at us，inducing discom fort and unrest．The shortest of the last three so ngs on Social Rust is six－and－a－half minutes long， and though it＇s a trial to get through，those fina

Table 39．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 24 （ $\mathbf{1 . 8 \%}$ ）com，www，http，https，org，html，news，uk，youtube，new．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70th percentile |
| :---: | :---: | :---: |
| Writing Style $=\mathbf{- 2 . 1 2}$ | Writing Style $=\mathbf{- 1 . 1 6}$ | Writing Style $=-0.33$ |
| Possible effects of REMOTE MIND CONTROL tech es https：／／www．cbsnews．com／news／sonic－attacks－cuba－us －diplomats－inner－ear－damage－mysterious－health－inci dents／a https：／／／www．state．gov／r／pa／prs／ps／2017／09 ／274518．htm $\&$ Because donald is a coward $₫$ Hes onl $t$ any of us $s$ Hed rather be rich than us be free es it could be the entities can only come through our dimension via the rituals these sick humans do to feed off of humans and perform satanic ritual to b ring these entities into their bodies．．．．hops and starts Anonymous $7 / 10 / 2019$ 4：27：18 PM cf6570 （）No． 6981661 b b983663b40f540 ．．．．gif（ $102 \mathrm{~KB}, 25$ $5 \times 103,1075: 433$ ，download．gif）（h）\＆similar？ －Anonymous 7／10／2019 4：27：22 PM dfee88（）No． 6981662 why was the White House so stupid as to not realize that Garrison was a Jew Hater？a Did $t$ hey not look at his stuff？$₫$ Ve live in an age wit h fucking morons firing people for doing things th at are obvious on their face．$\&$ Confederate Railro | voters wanted the mess cleaned up．\＆2．＂c）M ost important，how will he prevent repetition duri ng his period in office．＂$A$ It will be handled th is way．All past corruptions and sins will be forg iven and forgotten．The crooks can keep the loot． However，the people will still pay on the loans．I t will be confession time．Then the crooks can sta rt with a brand new chapter on corruption．An the cycle will start all over again．\＆In the meantime ，the saffron clad monks will preach Bana，the imb eciles will prostrate to them，will keep them in h igh esteen，even through they were abused by the s enior monks，when they were child monks，and will be able to retain the monk hegenony．Only the firs t 6 Para－kings and their subjects were free from $t$ his hegemony．©The same was true in Europe，but w ith the enlightenment and age of reason，the popul ace got liberated from the Papal grip．\＆https：／／w ww．history．com／topics／british－history／enlightenmen $\mathrm{t} \neq$ In his essay＇What Is Enlighterment？＇（1784）， | birthday，singer Kate Smith began her long－run ning radio program on CBS．Smith＇s program appeare $d$ opposite＂Amos＇$n$＇Andy＂on NBC，and was so succ essful that NBC switched its comedy program to ano ther evening．Smith＇s theme song was＂When the Moo n Comes Over the Mountain，＂but the song for which she is best remembered is＂God Bless America．＂Kat e Smith died in 1986 at the age of 77．\＃1933－－－bi rthday singer／song writer Titus Turner，Atlanta， A http：／／www．centrohd．com／biogra／t2／titus＿turner＿a ＿us．htm \＆ 1939 －Folk singer Judy Collins was born n Seattle，Washington．She gained widespread fame in 1961 with her debut album＂Maid of Constant Sor row．＂Collins is best known for her hits＂Both Sid es Now＂－top ten in 1969－and＂Amazing Grace＂fr es Now＂－top ten in 1969 －and＂Amazing Grace＂ir om 1971．She also helped promote the careers of Ra ndy Newman，and Canadians Joni Mitchell and Leonar d Cohen．a http：／／www．judycollins．com／\＆http：／／ww w．elektra．com／elektra／judycollins／index．jhtml；jses sionid＝$₫$ LOEFAZRD3J5GQQAMEEQSFEY？＿requestid＝54627 |


| on／Arrangement－＠ColeRolland a I proudly endo rse：$』$ ESP Guitars：http：／／wow ．espguitars．com／$』 \mathrm{E}$ MG Pickups：http：／／／www．emgpickups．com／a Jim Dunlo p Products：http：／／www．jimdunlop．com／a Fractal Au dio：http：／／www．fractalaudio．com／a Gruv Gear：htt p：／／www．gruvgear．com／a Klotz Cables：http：／／www．k lotz－ais．com／$\Perp$ Related Items：\＃edm，\＃music，afroja ck，alive，ammunition，armin van buuren，avicii，A xwell $\ldots$ ，beggars，calvin harris，chainsmokers， C ole，Cover，Daft Punk．．．．deadmau5，Dillon Francis diplo，dj snake，Don＇t Let Me Down，dubstep， eatsleepedm，electronic，flosstradamus．．．，garrix， guitar，hardwell，I could be the one，krewella，le vels，loco dice，martin，martin garrix，remix，rol land，skrillex，the，tiesto，videos，Wake Me Up at Skrillex \＆Diplo－Mind（feat．Kai）［Wiwek Remix］ Hardwell ft．Jay Sean－Thinking About You［LYRI CS］A Awakenings ADE 2021 －Tale of Us（MP3 Full S et＋Full Video）a Awakenings ADE 2021 －Tale Of Us Awakenings $x$＠Afterlife - FOLLOW US Instagram： http：／／www．instagram．com／awakenings Youtube：http |
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|  | Educational Value $=-1.15$ |
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|  | Required Expertise $=-1.23$ |
| :---: | :---: |
| e 19，Before He Was Even Drafted！Also how He and Mike Tyson Competed and Brought 5 Rolls Royces （VIDEO）』https：／／tvsmacktalk．com／wp－content／uploa ds／2017／11／lebron－bron－335x256．png \＆WATCH：Instag ram Girl，＂Heidi Hoback＂Further Exposes Lebron Ja mes Who Recently Got Caught In Her DM＇s，Creates V ideo Proving the DM was from LBJ and Clears Her Na me．．．Sort of．（VIDEO \＆PHOTOS）\＆https：／／tvsmacktal k．com／wp－content／uploads／2017／06／aon－335x256．jpg WATCH：Floyd Mayweather＇s Intense 4－Hour Training Session，＂I Get Bumps，Bruises．．．But I Don＇t Have A Bad Night＂（VIDEO）a https：／／tvsmacktalk．com／wp－co ntent／uploads／2017／01／782079－335×256．jpg Floyd D rops Vintage Mayweather Knowledge On the Rousey Lo ss，＂God Only Made one Thing Perfect；My Boxing Re cord＂！https：／／tvsmacktalk．com／wp－content／upload s／2016／12／mtqyotc5nzy3mzawmjy5mjyx－335x256．jpg 』A DVANTAGE FLOYD！Floyd Mayweather Posts this Conor Mcgregor Remix Video on Social Media．Find Out Exa ctly Why it has Received a Staggering 197，688 Comm ents！$』$ https：／／tvsmacktalk．com／wp－content／uploads | nion County College，Cranford and Elizabeth $\oplus$ Warren County Community College，Washington $\curvearrowleft$ New Jersey Devils，National Hockey League $₫$ New Jersey Nets，National Basketball Association a MetroStars <br> Major League Soccer a New Jersey Pride，Major L eague Lacrosse $』$ Minor League Baseball teams Atl antic City Surf $\leftrightarrows$ Camden Riversharks $\&$ New Jersey Cardinals（Augusta）a New Jersey Jackals（Montclai r）$\leftrightarrows$ Newark Bears $\leftrightarrows$ Somerset Patriots（Bridgewater ）』State bird：Eastern Goldfinch 』State animal： Horse a State flower：Common Violet a State tree： Red Oak $\&$ State fish：Brook Trout $\Perp$ State dance： The Square Dance $\leftrightarrows$ State motto：Liberty and prospe rity $A$ State license plate slogan：Garden State $₫$ The USS New Jersey，one of the most decorated vess els in the United States Navy，was named in honor of this state and is now a tourist attraction in C amden，New Jersey．$\leftrightarrows$ List of New Jersey－related to pics $a$ List of people from New Jersey a Clip Art a nd Pictures $\Perp$ Free Clipart（http：／／classroomclipar t．com）\＆US State Maps（http：／／classroomclipart．co |



Educational Value $=0.04$
luence of Hermeticism on philosophy，art，lite rature，religion，and science．Subscription：$\$ 10 p$ er year（ 2 issues）for individuals；$\$ 12$ per year f
or libraries and international Publisher：Cauda avonis，Dept．of English，Washington State Univers avonis，Dept．of English，Washington State Univers
ity，Pullman，WA $99164-5020$ USA．Editor：Stanton L ity，Pullman，WA 99164－5020 USA．Editor：Stanton L
inden（linden＠wsu．edu）．Review Editors：Thomas Wil inden（linden＠wsu．edu）．Review Editors：Thomas Wil Univ．of Arizona，Tucson，AZ 85721；Dr．Marie Robe rts，Dept．of Humanities，Univ．of the West of Eng land，Bristol，BS16 2JP，Avon，United Kingdom．Web site：http：／／www．wsu．edu：8080／～english／CaudaPavoni s．html．AThis nature spirituality magazine in the pagan tradition features articles that deeply expa nd on alchemical archetypes．For instance，a recen $t$ issue on＂Water＂carried articles ranging from $t$ he ancient Greek doctrine of the elements to water meditations and rituals．Subscription：$\$ 19$ per yea r（4 issues）；$\$ 25$ Canada and Mexico；$\$ 34$ Europe；$\$$ 38 to other international．Publisher：Circle Sanct

## Required Expertise $=-0.14$

s drawn from the artist＇s current traveling mu seum retrospective which originated in Finland at the Kunsthalle Helsinki．Männikkö was previously t he winner of the 2008 Deutsche Börse Photography P rize，the first time a Finnish artist has been rec ardson．com \＆EDVINS STRAUTMANIS $』$ This exhibit com prises five monumental paintings from the early 19 70s．While Strautmanis took up the legacy of Abstr act Expressionism with vigor，he pushed his large－ scale canvases toward the brink of material overlo ad and established his own performative brand of $p$ ainting．a CHAMBERLAIN，DE KOONING \＆OTHERS \＆Sele cted works by antecedents of Edvins Strautmanis，i ncluding John Chamberlain，Willem de Kooning，Char les Ginnever，Franz Kline，and Alfred Leslie ORI GERSHT：ON REFLECTION $\#$ CRG Gallery $\leftrightarrows$ CRG is pleas ed to present London－based artist Ori Gersht＇s sev enth solo exhibition with the gallery．Ori Gersht＇ 5 recent works examine how painting and photograph $y$ represents reality．Gersht interacts with three

Writing Style $=0.67$
nprägung von Segesta mit einem Anhang der Hybr iden，Teilstücke und Tetradrachmen sowie mit einem Uberblick uber die Bronzepragung．As the title indi cachms struck by the city of segesta or the did rachms struck by the city of Segesta．Beginning wi mediate neighbors had already been minting this im mediate neighbors had already been minting this de nomination，this book traces this coinage through didrachus in faver of tetracrachns．The catalog g divided into four distinct priods，The catalog die study listing each obverse and reverse die pai die study listing each obverse and reverse die pai ，llections and auction cataloss．Perhaps most welco me among the action catalogs．Rerhaps most welco me among the appilver fractions and well as a brief overview of the bronze issues of $t$ he fifth and fourth centuries BC Other apendices cover known examples of local hybrids（dies of Seg esta used with coin dies of its immediate neighbor s），ancient imitations and fourrées，and modern fa

## Facts \＆Trivia $=1.26$

．Classification：Graves／Memorials／Roll of Honour，World War I，World War II，Medals／Awa rds a Title：University of Glasgow－Roll of Honou r a Link：https：／／universitystory．gla．ac．uk／ww－1n
tro／\＆Description：University of Glasgow－Roll o frol Honour $₫$ Extra Info：Includes details of Roll o f Honour extra Info：Includes details of the med als and awards that individuals received for their
service in WWI．Also has details about the univers service in WWI．Also has details about the univers ity and its preparations for WWII．ATitle：Univer sity of Glasgow Story a Link：https：／／universityst
ory．gla．ac．uk／a Description：University of Glasgo w Story $₫$ Extra Info：Includes all members of the W Story extra Info：Includes all members of the
university community who served in WWI，those who university community who served in WWI，those who served and fell in wWII，many with biographies and
more．Classification：Graves／Memorials／Roll more．Classification：Graves／Memorials／Roll
of Honour，World War I，World War II，Boer Wars， rimean War，Other Battles／Wars／Conflicts，Meda rimean War，Other Battles／Wars／Conflicts，Meda
ls／Awards $₫$ Title：Victoria Cross Holders k：http：／／www．victoriacross．org．uk／Description： Victoria Cross Holders a Extra Info：Includes grav

Educational Value $=1.11$
．．．lic Affairs， $2012 』$ Banerjee，Abhijit，Esther Duflo，Rachel Glennerster，and Cynthia Kinnan．＂Th e Miracle of Microfinance？Evidence from a Randomi zed Evaluation．＂Abdul Latif Jameel Poverty Action Lab（2013）http：／／www．povertyactionlab．org／evaluat ccessed October 15，2013）．Londono，Ana，Juan Mo ra，and Philip Verwimp．＂Abandoning Coffee under t he Threat of Violence and the Presence of Illicit Crops．Evidence from Colombia．＂Households in Conf lict Network． 150 （2013）．\＆Moulton，Brent．＂Rando m Group Effects and the Precision of Regression Es III Group Effects and the Precision of Regression Es
timates．＂Journal of Econometrics 32 （1986）：387－9 timates．＂Journal of Econometrics 32 （1986）： $387-9$
7．a Rockmore，Mark．＂The Cost of Fear：The Welfar 7．a Rockmore，Mark．＂The Cost of Fear：The Welfar
e Effects of the Risk of Violence in Northern Ugan da．＂Households in Conflict Working Paper No．109， 2011．Anited Nations Development Programme．Unit ed Nations Millennium Development Goals（2000）（ac cessed November 19，2013）． 4 United Nations Develo pment Programme，United Nations Millennium Develop ment Goals（2000）．a 137 Million of World＇s Poores

Required Expertise $=0.76$
hing． 4 With the rise of the＂tall buildings＂ came a growing unease that the motifs of the past were no longer adequate to express not only the ne w forms of the skyscraper but also the spirit of $w$ hat was becoming to be seen as the＂modern＂age．W e can see the results of this transition as we exa ury and watch as their architects shed the styliza tions of the past while attempting to find an arch itecture fitting for the present．Eventually，by $t$ he mid－20th century they proceed to an expression of form based on a building＇s function and its use of materials．－DJB， 10 Mar． 2004 （Not shown）U． S．Capitol，Washington，DC，1743－1865，Thorton，La trobe，Bullfinch，et al．\＆Christ Episcopal Church ，Washington，DC，1805，Benjamin Henry Latrobe or Robert Alexander a http：／／www．bluffton．edu／～Sulliv anm／washdc／latrobechurch／church．html \＆（Not shown） Royal Pavilion，Brighton，England，1815－23，John N ash $₫$ Ste．Genevieve Library，France，1843－50，Hen ri Labrouste $\&$（Not shown）Harper \＆Brothers Buil

Table 40．Raw training examples selected to have quality ratings at the 5th，30th，70th and 95th percentile within CommonCrawl＋C4 Cluster No． 25 （ $\mathbf{1 . 7 \%}$ ）music，musical，band，new，festival，jazz，songs，theatre．For each criterion，the ratings are normalized to have zero mean and unit variance across the corpus and reflect the distributions in Figure 8.

| 5 th percentile | 30th percentile | 70 th percentile |
| :---: | :---: | :---: |
| Writing Style $=\mathbf{- 0 . 9 6}$ | Writing Style $=0.20$ | Writing Style $=1.18$ |
| of time．$A$ I think Alicia Keys will be known widely after she retires．She went to school to sp ecifically study music，and didn＇t just pop out of the internet．A＇m not a big fan of either（call me crazy，but I like listening to instrumental mus ic generally），but I have listened to Elvis in he past on my own．That being said，I prefer Elvis <br> Today＇s music stars are a different question． I＇m not sure that many of them will be remembered， due to the fact of so many people being negitive a nd positive about them．For example，the Beatles a nd Elvis don＇t have many haters（at least，that I can think of on the top of my head）but many stars today，like Bieber or Minaj，are dislked and made fun of．They may be remembered negitively，or be b king to their grandchildren（which would be one of us kids when older）trying to tell our children wh ich music artists we loved／hated but not being abl $e$ to remember their name．Ithink many will be los $t$ in the flow of new music．$A$ i have never liked $E$ | ion arrangements vary in complexity－some emplo y groove－based vamps fixed to a key，or even a sin gle chord．Others can feature odd or shifting time signatures with elaborate chord progressions，typi cally，these arrangements，whether simple or compl ex，will feature extended improvised sections that can vary in length．As with jazz，fusion often emp loys brass and woodwind instruments such as trumpe t and saxophone as melody and soloing instruments， the rhythm section typically consists of electric bass，electric guitar，electric piano／synthesizer and drums．As with traditional jazz improvisatio n ，fusion instrumentalists generally require a lev el of technical proficiency．The term jazz－rock is often used as a synonym for jazz fusion as well as for music performed by late 1960s，experimentation continued in the 1999s and 2000s．Fusion albums，e ven those that are made by the group or artist．Ra ther than being a musical style，fusion can be vie jazz，one the earliest form of Latin jazz，is a fu | was here where Carl Perkins tried on his＂Blue Suede Shoes＂and where Johnny Cash first proved he could＂Walk the Line．＂』In 1950，Sam Phillips ope ned what he first called The Memphis Recording Ser vice with a mission to record＂anything，anywhere， anytime．＂His passion was to record the rhythm and blues music he heard on nearby Beale Street being performed by black musicians who had little chance of getting their music on record elsewhere．It was on Beale Street，Memphis＇s entertainment section a nd the hub of the South＇s black community，where t he sounds of blues and country were blending toget her to make a new sound．Phillips wanted to captur e the excitement of this new music and make it ava ilable to those outside of Memphis and to the worl d．＂I knew this music wasn＇t going to be available in a pure sense，forever，＂Phillips said．His st udio＇s goal was to capture that pure raw energy on record and share it with the world．And that he di d．ARadio stations across the South in the early 1950s played mostly country music and Grand 0le Op |


#### Abstract

Facts \＆Trivia $=-1.16$ is a woman and the backup dancers are men． Cost：$\$ 5$ Come swing dance on Fridays at the Hender son County Athletic．Starting Friday，September 1s t ，2017，repeated every week on Friday＠7：00 pm． quired for DSDS weekly workshops and dances．All d quired for DSDS weekly workshops and dances．All a ances \＆workshops are held the 2nd，3rd，\＆4th Sat urdays．$A$ Swing Time（1936），Never Gonna Dance sce urdays．Swing Time（1936），Never Gonna Dance sc ne There are no greater dance musicals than．none is more uplifting or enduring th．AYikes．Not goo d，but Tebow has actually performed better than an yone could have realistically expected of a guy wh yone could have realistically expected of a guy wh 0 hadn＇t played baseball competitively since his $h$ igh school days．Tebow is hitting．2．Aegistratio igh school days．Tebow is hitting．2．Registratio $n$ begins at 4 p．m．on the day of the event．The St Charles Imperial Dance Club teaches Imperial Sw ng Dance Lessons from 6：30 to 8 p．m．every Thursda ng Dance Lessons from 6：30 to 8 p．m．every Thursda ing Dance Society．Dallas Swing Dance Society．Hea rt of Texas（HOT）Whip Dance Club Austin $9 / 4 / 16$ ：C ould not reach website．Austin Swing Syndicate Non


## Educational Value $=-1.64$

know of any clubs for 18 years or older in Co Iumbus，GA？\＆Fender strat or gibson les paul，whi ch rocks more？why？an now theres a black musik strat should i get？ Which guitar pick up would be better？I＇m 19 and $i$ almost never have fun wh en i party？\＆Selling music concert tickets in gen lil tweety？\＆Karaoke：I know it sounds crazy，but does anyone know．．．？Who does drunmer steve ferr does anyone know．．．．？who does drumner steve ferr
one（ex－awb）work with now？Alert！！Poison in t oothpaste and cough syrup．Brands below？\＆Is the pacific amphitheater in costa mesa，Ca indoors or pacific amphitheater in costa mesa，Ca indoors or
outdoors arena？a Can someone give me a？？？？？？？ id you see 50 Cents performance on Bet Awards？ ate 80 ＇s／Early 90＇s Kid＇s Show Set In A Music op？What u think which part of hostel is best pa rt 1 or 2？A Are you as excited as me that the Spi ce Girls are reuniting？al Were Can iDownload Free Music Vidoes？Can you get videos from limewire Required Expertise $=-1.75$
ash（50）The Courteeners（12）The Cribs（13） Crookes（4）The Cult（12）The Cure（13）The Dam ned（6）The Doors（1）The Enemy（9）The Fall（5）T aslight Anthem（5）The Horrors（25）The Jackobins （2）The Killers（11）The King Blues（2）The levell ers（2）The Lovely Eggs（2）The LTW Chart（3）The LTW Playlist（11）The March Violets（2）The Membra nes（3）The Misfits（3）The Offspring（3）The Prod igy（2）The Prodigy（2）The Ramones（23）The Rolli ng Stones（6）The Smiths（40）The Stone Roses（74） The Stranglers（22）The Strokes（2）The Vaccines（ 22）The White Stripes（4）Theatre（43）theatre rev 10 （17）Top 200 （1）Top Lists（4）Toy（18）Trash mouth（4）Travel（16）Trip Hop（5）Truck Festival （4）Trupa Trupa（1）Turf（1）Turkey（7）TUSK Festi val（6）TV（4）TV Interviews（6）Twisted Wheel（5） 6）Velvet Underground（32）Video（189）Video Prem iere（18）Villy Raze（1）Visions Festival（3）Vogu

## Facts \＆Trivia $=-0.27$

．S of geometric shapes in varying configuration ．This show comprises works from two series tha $t$ developed more or less simultaneously．One group is Concentric Squares，which has been ongoing for several years，and paintings from this set have be en shown numerous times in various venues recently
The other group，Horizontal Stripes，is smaller， The other group，Horizontal Stripes，is smaller with just six altogether．They have not previous been shown．Both groups use only a range of grays and metallic hues，what I have been calling an ind ustrial palette，to distinguish the colors from Sp ectrum or natural hues．They all are hard－edged us give the surface an opaque effect that keeps the give the surface an opaque effect that keeps the
ye of the viewer on the surface instead of penetra ting into an illusionist depth．$\&$ The squares are classical in their symmetry and are made up of a s classical in their symmetry and are made up of a $s$ that are determined before the painting is begun The paintings are conceived as a series of conce The paintings are conceived as a series of conce

Educational Value $=-0.57$
．．cal：Douglas Hodge＂La Cage aux Folles＂a Best Performance by a Leading Actress in a Musical：Cat herine Leta－Jones＂A Little Night Music＂$\&$ Best Re
vival of a Musical：＂La Cage aux Folles＂$\&$ Best Pl ay：＂Red＂a Best Revival of Play：＂Fences＂a Best Choreography：Bill T．Jones＂Fela！＂a Best Perform ance by a Leading Actor in a Play：Denzel Washingt on＂Fences＂a Best Performance by a Leading Actre s in a Play：Viola Davis＂Fences＂ 4 Best Performan ce by a Featured Actor in a Musical：Levi Kreis＂M illion Dollar Quartet＂a Best Performance by a Fea tured Actress in a Musical：Katie Finneran＂Promis es，Promises＂$\leadsto$ Best Direction of a Musical：Terry Johnson＂La Cage aux Folles＂$』$ Best Direction of a Play：Michael Grandage＂Red＂』Best Performance by a Featured Actor in a Play：Eddie Redmayne＂Red＂ Best Performance by a Featured Actress in a Play： Scarlett Johansson＂A View From A Bridge＂al Best $\$$ ound Design of a Musical：Robert Kaplowitz＂Fela Best Scenic Design of a Musical：Christine Jones
．very upstroke．\＆Hamelin finished of the Alleg some very animated hand gestures that rominded me of the piano player in a carnival shooting gallery $\leftrightarrow$ The part of Tchaikovsky＇s Symphony No． 2 with the Chinese gong made me laugh allowed because it was so delightfully unexpected（although I should have noted that a gong on the stage would eventual ly be used）．It reminded me of a George Plimpton tory where he participates with the New York Philh armonic Orchestra．He is given the gong because＂h e can＇t mess it up＂but hits it so enthusiasticall that even the conductor notices．I looked it up and the piece Plimpton played gong on was indeed $T$ chaikovsky＇s Symphony No．2．a I need to take adva ntage of the $<40=\$ 20$ program again within the ne xt three－and－half years．a Previously：Tour of Sym phony Hall $a$ Patriots＇Day $2010 \Perp$ 2010－04－19 2010－ 10－19～Liam～Leave a comment $』$ Here in the Commo nwealth of Massachusetts we＇re celebrating Patriot $s^{\prime}$ Day，or the 235th anniversary of the start of $t$
－Chart $』$ As Editor（26）A As Translator（6）
Facts \＆Trivia $=0.50$
d to be announced）will be offered as a 7 p．m． Maturday evening event in the Fiester Auditorium a t Mariposa County High School，and a Sunday matine onal Park．But fiscal assistance is needed．A yo ung audience menber learns the ort a yo ia observation at a 2019 concert in the Ahwahnee＇s Great Lounge（photo by Cheryl Kellogg Petretti） The newly－renamed orchestra sporting the acronym MYSO＂（or MY Symphony Orchestra）is now an indepen dent non－profit organization partnered with the 50 1（C）（3）Collaborative Arts and Culture Foundation． The CACF，an exclusive fine arts fiscal partner， as founded in 2010 in Portland，OR，and relocated to Mariposa a few years ago．a As a publicly－funde d entity，MYSO requests support from those who rea lize the intrinsic and fiscal value to this region made by the 21 －year－old orchestra；all donations $t$ 0 the MYSO are tax－deductible．As the orchestra cr eates new administrative and infrastructural fixed Yosemite Hospitality，Yosemite National


#### Abstract

Educational Value $=0.39$ s music，we have to give much credit for captu ring in his music that historical and musical affi nity between the Folk／Heritage and Jazz genres of o＇s fusion makes the Heritage／Jazz music interface natural and appealing．But as much as the crossove $r$ is natural to him，can Boo in the long term brin g about a sustainable marketable marriage between the two genres？If he can succeed in that regard， then it would do miracles for our Lucian music and we can well end up with a genre of music more powe rful，more sustainable than any of the existing ge nres of Caribbean Music．And that is why this year ＇s＂paradigm－shift＂in the Jazz festival is most w elcomed platform．』DRAYTONS TWO WERE THE SPOOGE K INGS $』$ In conclusion，I claim that St．Lucians are not cultural strangers to Jazz．I further claim th at Jazz is in our blood and it must be true that $t$ he same African slaves who brought Jazz to America also brought it（or at least a form of it）to the


## Required Expertise $=-0.06$

 reiter Taschenpartituren a 12 Concerti Grossi，Op． 6 （Handel，George Frideric）Concerto Grosso in A major，HWW 329 （Handel，George Frideric）al Concert －Grosso in A minor，HWV 322 （Handel，George Fride ric）\＆Concerto Grosso in B minor，HWV 330 （Handel ，George Frideric）a Concerto Grosso in B－flat ma or，HWV 325 （Handel，George Frideric）$₫$ Concerto $G$ rosso in C minor，HWV 326 （Handel，George Frideric $』$ Concerto Grosso in D major，HWV 323 （Handel，G eorge Frideric）a Concerto Grosso in D minor，HWV 328 （Handel，George Frideric）al Concerto Grosso in E minor，HWV 321 （Handel，George Frideric）a Conce rto Grosso in F major，HwN 320 （Handel，George Fri deric）Concerto Grosso in G major，HWV 319 （Hand el，George Frideric）$\Perp$ Concerto Grosso in G minor， HWV 324 （Handel，George Frideric）A Hallische Händ el－Ausgabe（Handel，George Frideric）a Music for t he Royal Fireworks，HWV 351 （Handel，George Frider ic）©Symphony No． 4 in E－flat major，WAB 104 （BrucWriting Style $=2.03$
by Robert Louis Stevenson．a Jacopo da Bologn a＇s 14 th Century madrigal Non al su＇amante feature $d$ the story of the Goddess Diana bathing in a moun tain stream and being observed by a passing hunter what beautiful singing and playing lines，here． Especialy telling was the blend of yyrical－voice and excitable recorder figurations．The story didn ＇t appear to have a happy ending，judging by the $m$ elancholia that seem gip the plece its last minute or so s duration！A happier，more ener getic outing for all concerned was provided by an
anonymous 14th Century French ballade anonymous 14th Centry om voice and instrinabent expesion joy uld be a dime－traveller！This was a great concer uld be a time－traveller！』This was a great concer setting of Lauris Edmond＇s poem I name this place， one of the verses from a collection＂Scenes from a one of the verses from a collection＂Scenes from a
Small City＂．As befitted the occasion for which th e piece was written（the wedding of friends）the $m$ e piece was written（the wedding of friends）the $m$

## Facts \＆Trivia $=1.38$

I felt part of a community．George Parker，a udience member $A$ The Free Theatre acted，and proba bly still does，as a laboratory for some of the mo st creative minds in New Zealand with artistic con sequences far beyond the theatre and time of produ ction．The Free Theatre has continued to engage in a dialogue，at an international level，between spa ce，narrative and body that has allowed local stud ents to overcome traditional barriers of intellect ual isolation preparing graduates for careers both in New Zealand and on the world stage．This has be en made possible by the sacrifice and commitment o f its founders and supporters who over the last 25 years have not only delivered an excellent contemp orary theatre to Christchurch but have influenced more than one generation of New Zealand artists，
ilmmakers and thinkers． ilmmakers and thinkers．－Lawrence Wallen，Desig
ner，MedeaMaterial；Head of School，School of Desi ner，MedeaMaterial；Head of School，School of Desi
gn ，University of Technology Sydney
Flashback \＃8 gn，University of Technology Sydney a Flashback \＃8
Oscar Wilde＇s SALOME \＆In 1994，Falkenberg con ．Oscar Wilde＇s SALOME $』$ In 1994，Falkenberg con

Educational Value $=1.29$
e trumpet in fifth grade，then astarted guita and percussion in high school in Montgomery Coun ty，Pa．，where he grew up．He enjoyed the high sch 001 band，jazz band，and chorus，and especially en joyed jamming with friends．＂Toward the end of hig h school，I started to experience music as a power ealing thing for me，＂he said．＂It gave me power ealing thing for me，＂he said．＂It gave me power．＂ After two years at Penn State，officially studyi
ng science and engineering but unofficially playin g guitar and drums every day and jamming with frie g guitar and drums every day and jamming with frie
nds，Mitnick decided to pursue his future in music ．＂Once the illusion of following an engineering a nd science career faded，music was what remained，＂ he said．He auditioned for the University of the rts in Philadelphia，where his father was an archi rts in Philadelphia，where his father was an archi
tecture professor，and，on his second try，was acc epted．』＂Once I got there，my life changed dramat ically，＂Mitnick recalled．＂I cut all my hair off and got very serious．I realized that it＇s one thi ng to play music with your friends at a party，but

## Required Expertise $=0.84$

s achievement．Atlantic Riband evokes the stru ggle and ultimate victory of ocean－crossing immigr ants to America in an orchestral showpiece of powe rand splendor．American Rhapsody is a lyrical rom ance for violin and orchestra，and Divinum Mysteri um a single－movement viola concerto rich in expres sive tapestry．Concerto Grosso shows Fuchs＇s sheer energy，and Discover the Wild is an orchestral ove rture of lyricism and color．AGustav Holst＇s yout llient Walt Whitman overture written in 1899．Shor tly afterwards he composed the Cotswolds Symphony which embraces hints of contemporary British folk music but is dominated by the slow movement，a pro found elegy for the utopian socialist William Morr is．Though completed at college，A Winter Idyll sh ows real orchestral assurance．Indra is an accompl ished tone poem revealing Holst＇s interest in the legends of India，whilst the glittering and evocat ive Japanese Suite was written in response to a re quest from a Japanese dancer appearing in London．


[^0]:    ${ }^{1}$ Department of Computer Science \& Princeton Language and Intelligence (PLI), Princeton University. Correspondence to: Alexander Wettig < awettig@cs.princeton.edu>.

    Proceedings of the $41^{\text {st }}$ International Conference on Machine Learning, Vienna, Austria. PMLR 235, 2024. Copyright 2024 by the author(s).

[^1]:    ${ }^{2}$ To encourage further research, we release our prompts, models, and data at https://github.com/princeton-nlp/QuRating.
    ${ }^{3}$ QuRating/QuRater can be pronounced like curating/curator.

[^2]:    ${ }^{4}$ Throughout the paper, we use GPT-3.5-turbo-0613.

[^3]:    ${ }^{5}$ We publicly release QuRatedPajama and make it available at huggingface.co/datasets/princeton-nlp/QuRatedPajama-260B.

