Response PDF
**Submission Number:** 292

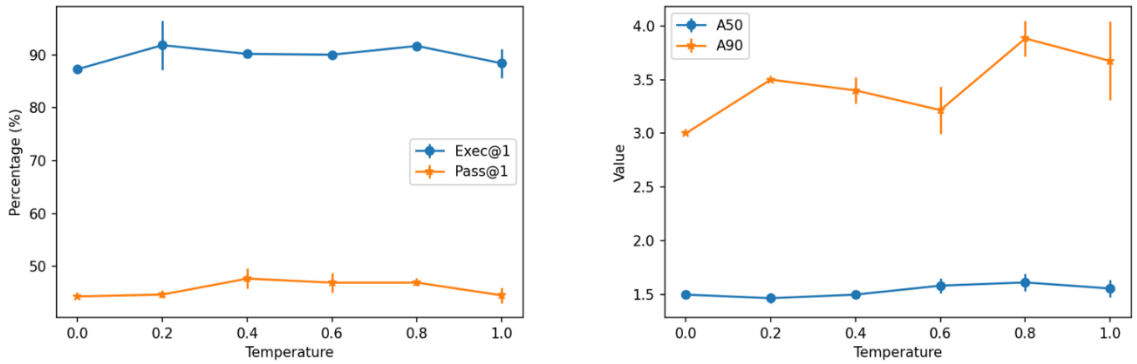


Figure (a) Stability experiments results obtained by conducting evaluation 3 times for each temperature except 0.0. The line charts show that SheetCopilot achieves stable performances even if the GPT-3.5 API temperature changes from 0.0 to 1.0.

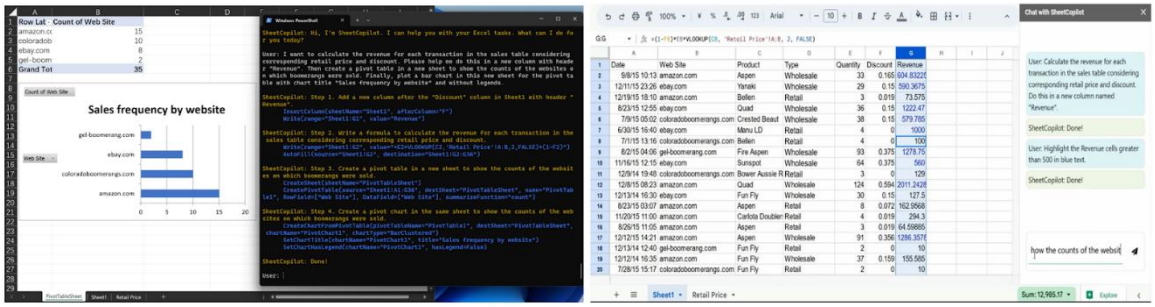


Figure (b) SheetCopilot implemented on MS Excel (left) and Google Sheets (right). Our SheetCopilot enables users to easily solve complex tasks by interacting with the spreadsheet software via natural language.

(Q&A pairs to be classified)
Please process the questions below and give results in the same form as the examples above.
Questions:
Q1: {"question title":"SUM column C unless value in col A matches col B", "top answer":"You can use the following, entered as an array formula with CTRL+SHIFT+ENTER:=SUM(IF(COUNTIF(B1:B7,A1:A7)=0,C1:C7))"}
Q2: {"question title":"Word paste table from Excel has marks instead of values", "top answer":"Cause: The column is "too narrow" to allow showing the content, according to Word. Remedy: Move the mouse pointer slowly horizontally over the column border and it will change shape at some point ..."}
Q3: {"question title":"According to 4^3^2 = (4^3)^2. Is this really the standard mathematical convention for the order of exponentiation?", "top answer":"Your teacher is right. According to standard rules of algebra exponents are solved from right to left, therefore ..."}
...

(GPT-3.5 response)
Q1: {"category":"A, D", "atomic actions":"Update cell value, Math functions"}
Q2: {"category":"C", "atomic actions":"Formatting cells"}
Q3: {"category":"Invalid", "atomic actions":None}
...

Figure (c) A brief example of task categorization. We utilized an in-context learning method to prompt ChatGPT to classify each Q&A pair as 7 categories. Please view the full prompt in Table B of the supplementary.