A Brief Lesson on Transformers

Description

This concise, 16-slide lesson introduces the core ideas behind the transformer architecture - the foundation of today's most powerful AI models. Through a blend of clear explanations, key problem–solution framing, and big-picture insights, learners explore what transformers are, how they work, and why they're so effective.

The lesson delivers a **multi-modal, interactive experience**:

- **Audio narration** for every slide (not included in the PPT)

- **Text, images, and diagrams** for visual clarity

- **Interactive visualizer playground** to experiment with concepts (see video on last slide)

- **Post-assessment** to reinforce learning (see video on last slide)

By the end, learners will have a clear, intuitive understanding of the fundamental mechanics of transformers.

Target audience

Ages 10 to 80 - perfect for non-technical learners who want to grasp the *what, how,* and *why* behind transformers without diving into heavy math or coding.

Expected learning time

45 – 60 minutes