Summarizing Lab

In this experiment, we tested three summarization prompts for product reviews:

Standard Summary – A general overview of the review in 25 words.

Feature-Focused Summary – Focused on product features, functionality, and durability in 30 words.

Emotion-Driven Summary – Focused on capturing emotional tones like excitement or disappointment in 25 words.

Findings:

Standard Summary: This worked well for providing a concise review but sometimes missed important details, such as specific product flaws.

Feature-Focused Summary: Emphasized technical details but sometimes overemphasized or overlooked important aspects, like the reviewer's experience with durability.

Emotion-Driven Summary: Captured emotional tone effectively, though it occasionally misinterpreted reviews with mixed feelings, emphasizing negativity over positive feedback.

Issues:

GPT sometimes hallucinated details not in the review, adding incorrect information. Mixed-sentiment reviews were often misclassified, especially in the emotion-driven summaries.
Conclusion:
To improve accuracy, careful prompt construction is needed, especially for reviews with mixed emotions or complex feedback. Avoid generalizing too much or misinterpreting sentiments.