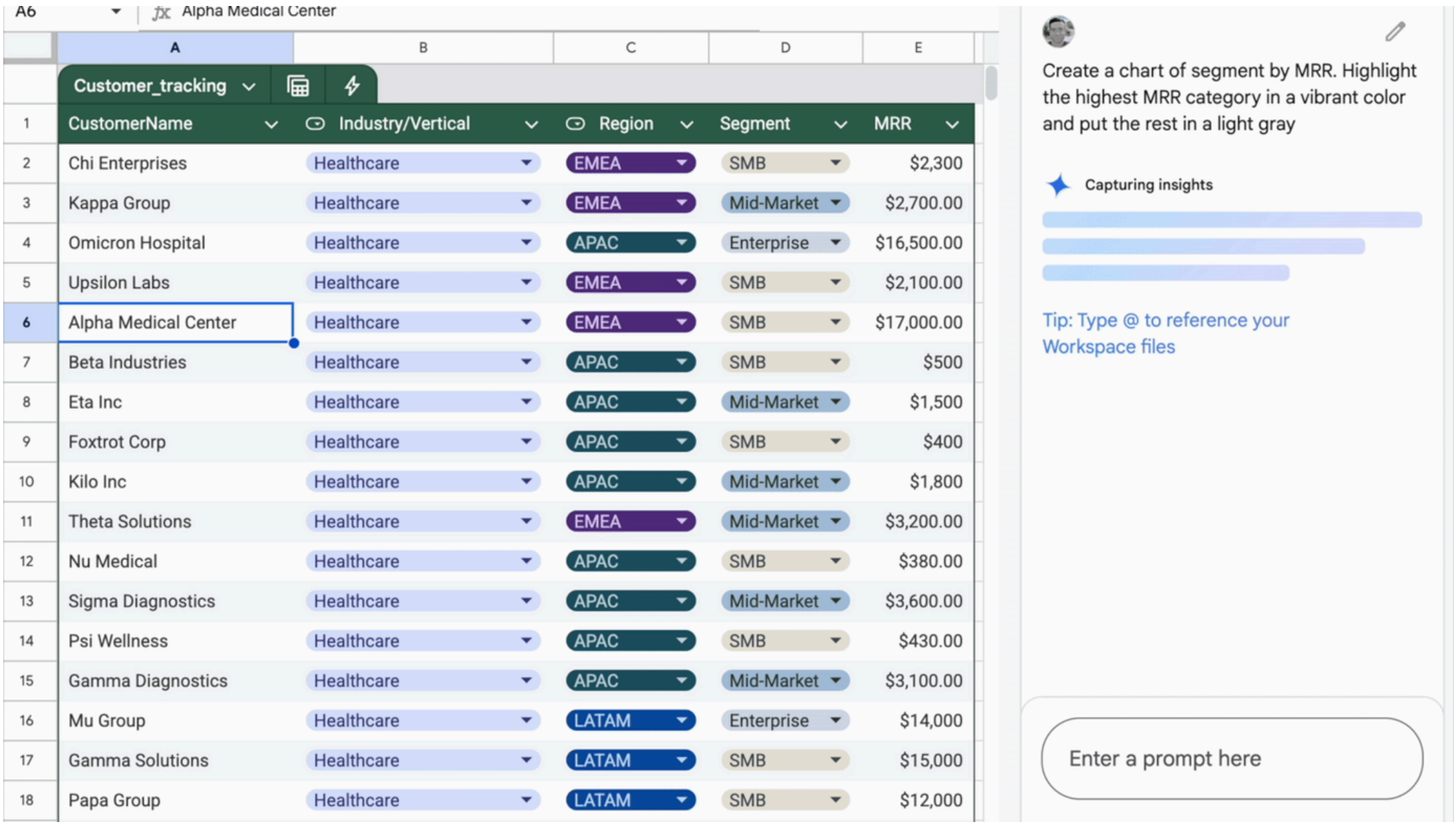
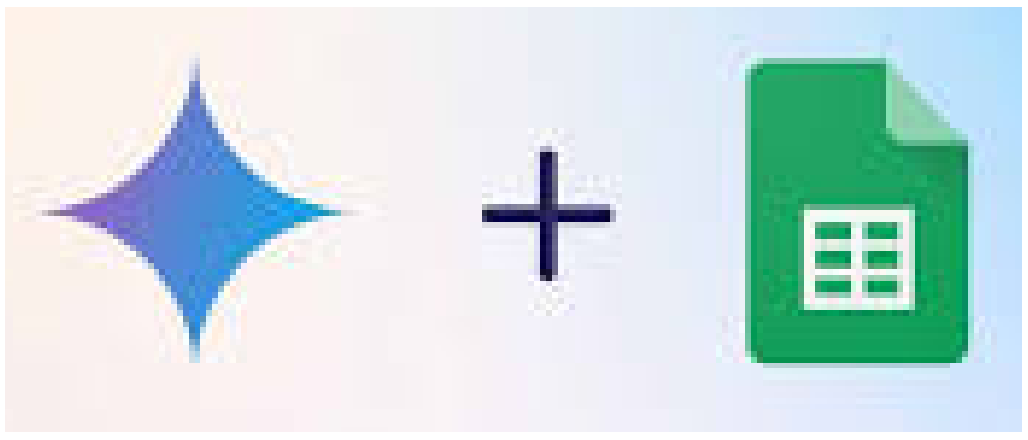
Analytics Vidhya

How to Use Gemini in Google Sheets?





Gemini in Google Sheets

Google Sheets now features Gemini, a powerful generative AI, through the new **=AI formula.** This lets users perform tasks like **categorization**, **sentiment analysis**, and **summarization** directly in their spreadsheets, making **data analysis** easier and more efficient.

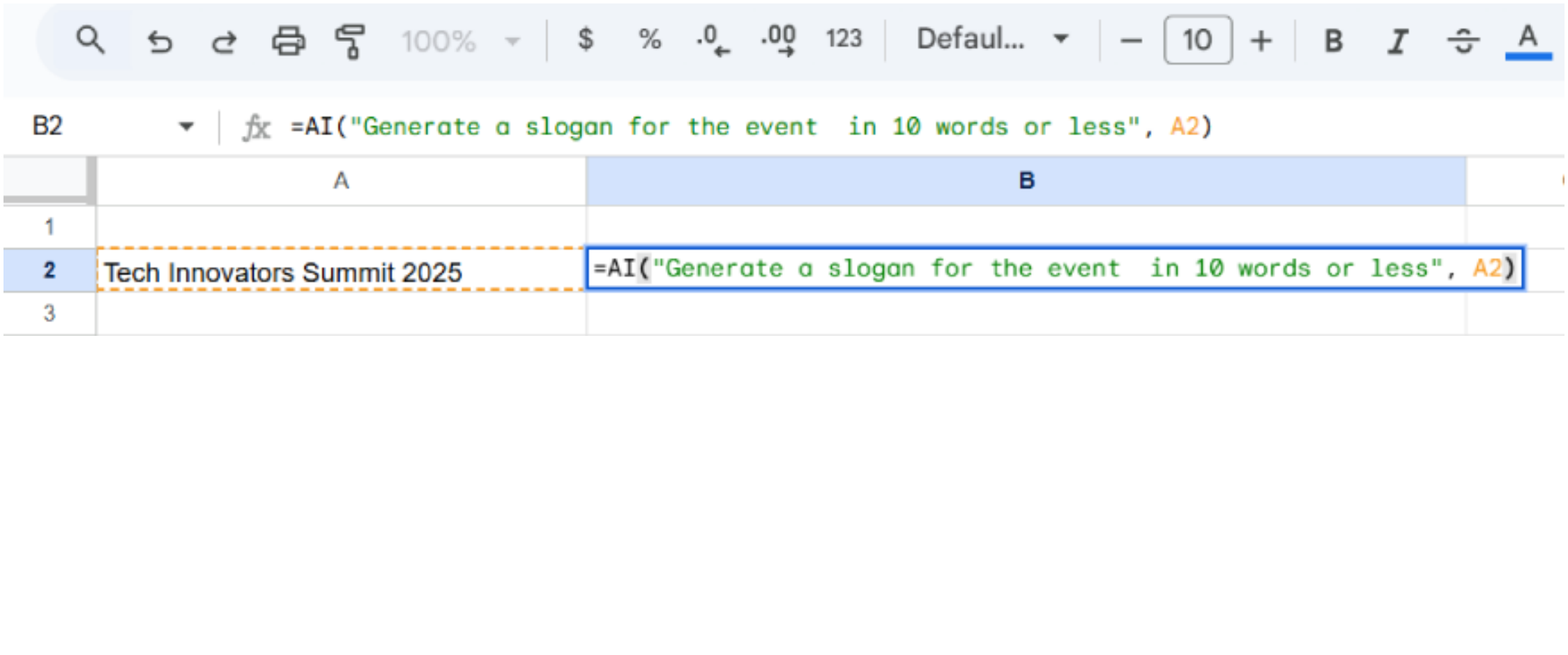
- **Natural Language Prompts:** Use plain language to interact with AI (e.g., “Summarize column A”), no tech skills needed.
- **Versatile Uses:** Handle tasks like text generation, translation, data extraction, classification, and even Python code.
- **Instant Insights:** Get real-time analysis and reduce manual work with Gemini's fast data processing.

How to Access this Feature?

1. **Open your Sheet:** On your computer, open a Google Sheets file.
2. **Enter the AI formula:** Type =AI("your prompt", [optional range]) in a cell.
3. **Generate response:** Select the cell and click “**Generate and Insert.**”
4. **Refresh if needed:** Click “**Refresh and Insert**” to update the result.

Note: The content is inserted under your name in version history.

Example:

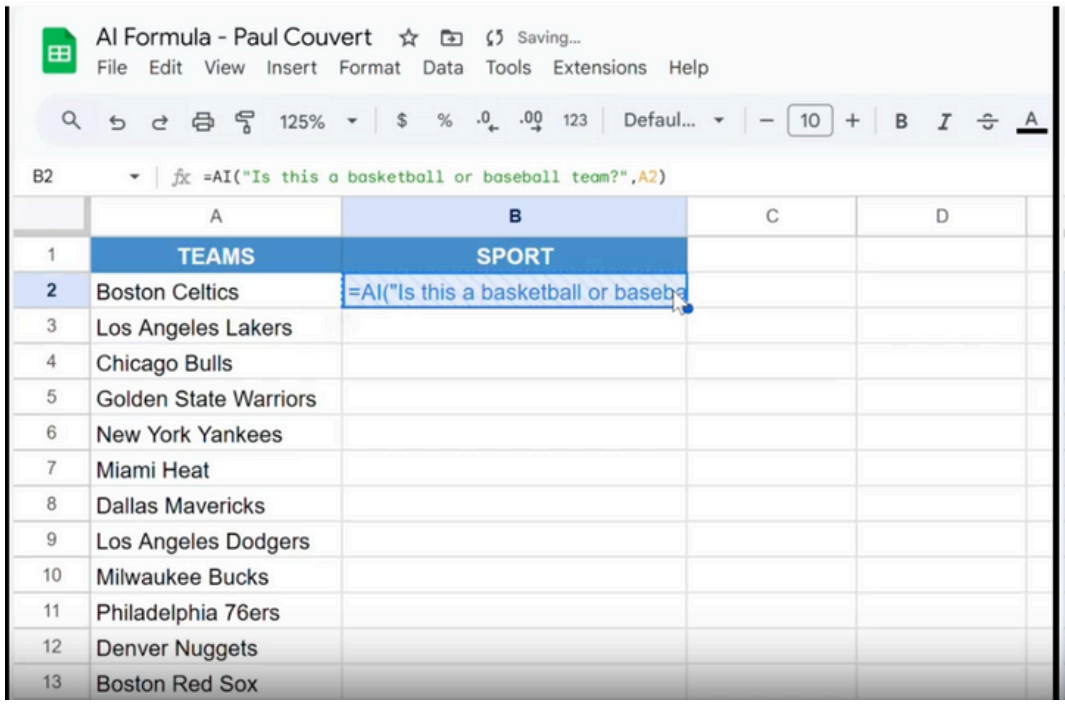


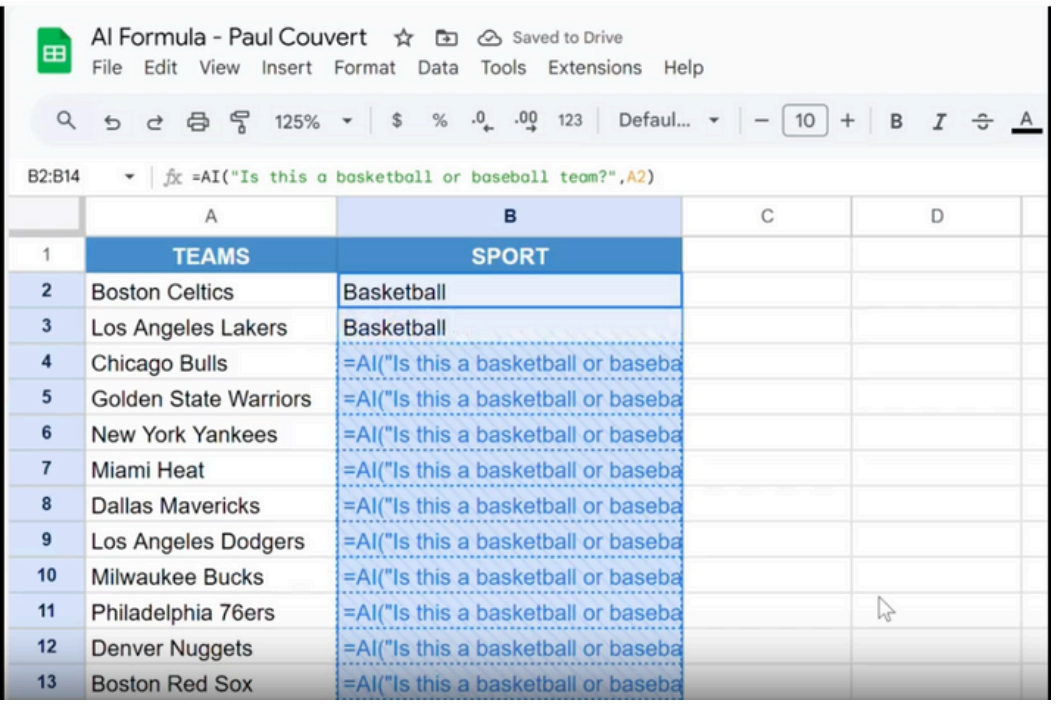
Applications of the =AI Function

Task 1: Categorization

Use the AI function in Google Sheets to automatically categorize a list—like sorting basketball and baseball teams, based on simple instructions, eliminating manual labeling.

Formula: =AI(“Is this a basketball or baseball team?”, A2)

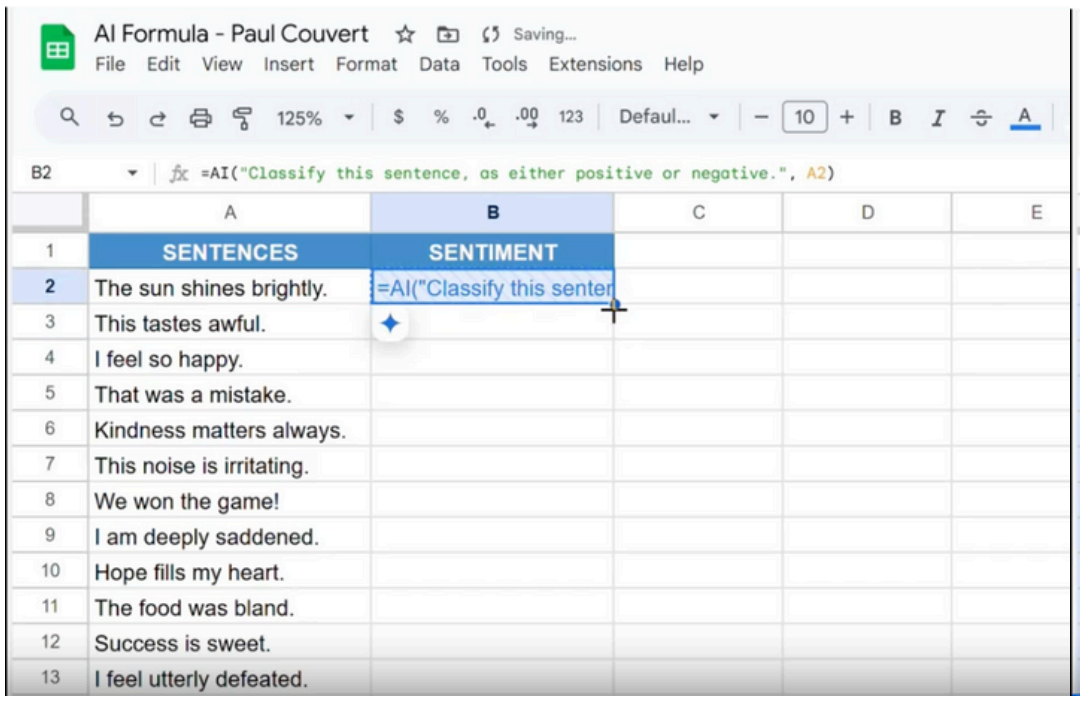


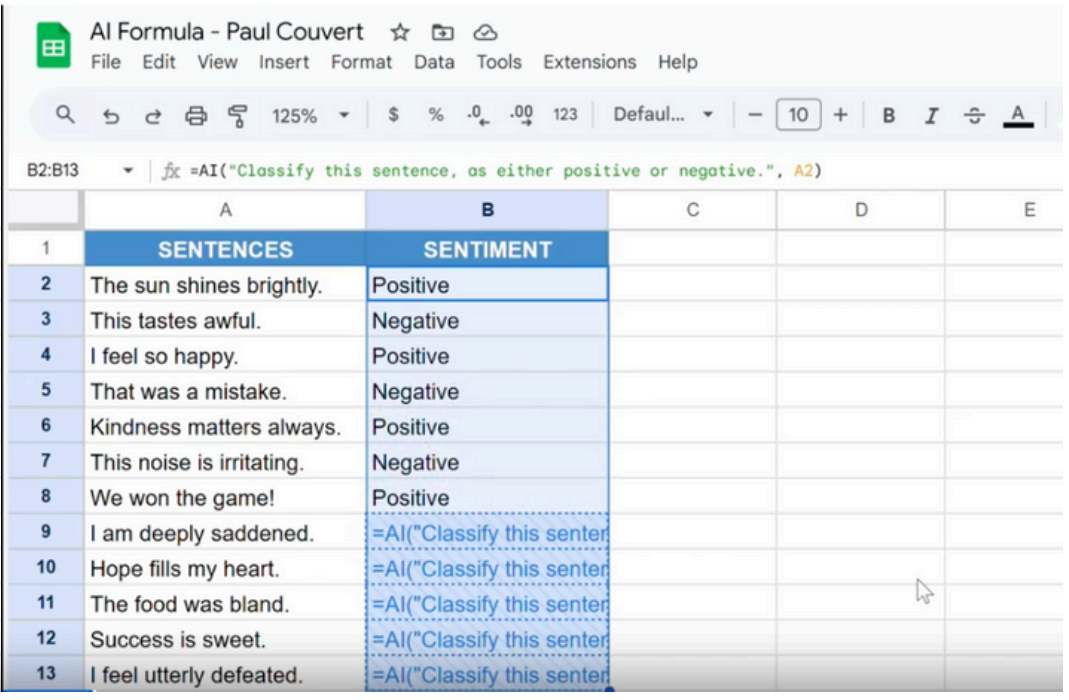


Task 2: Sentiment Analysis

Use the AI function in Google Sheets to automatically classify sentences—like user feedback—as positive or negative, making sentiment analysis quick and effortless.

Formula: =AI(“Classify this sentence as either positive or negative.”, A2)

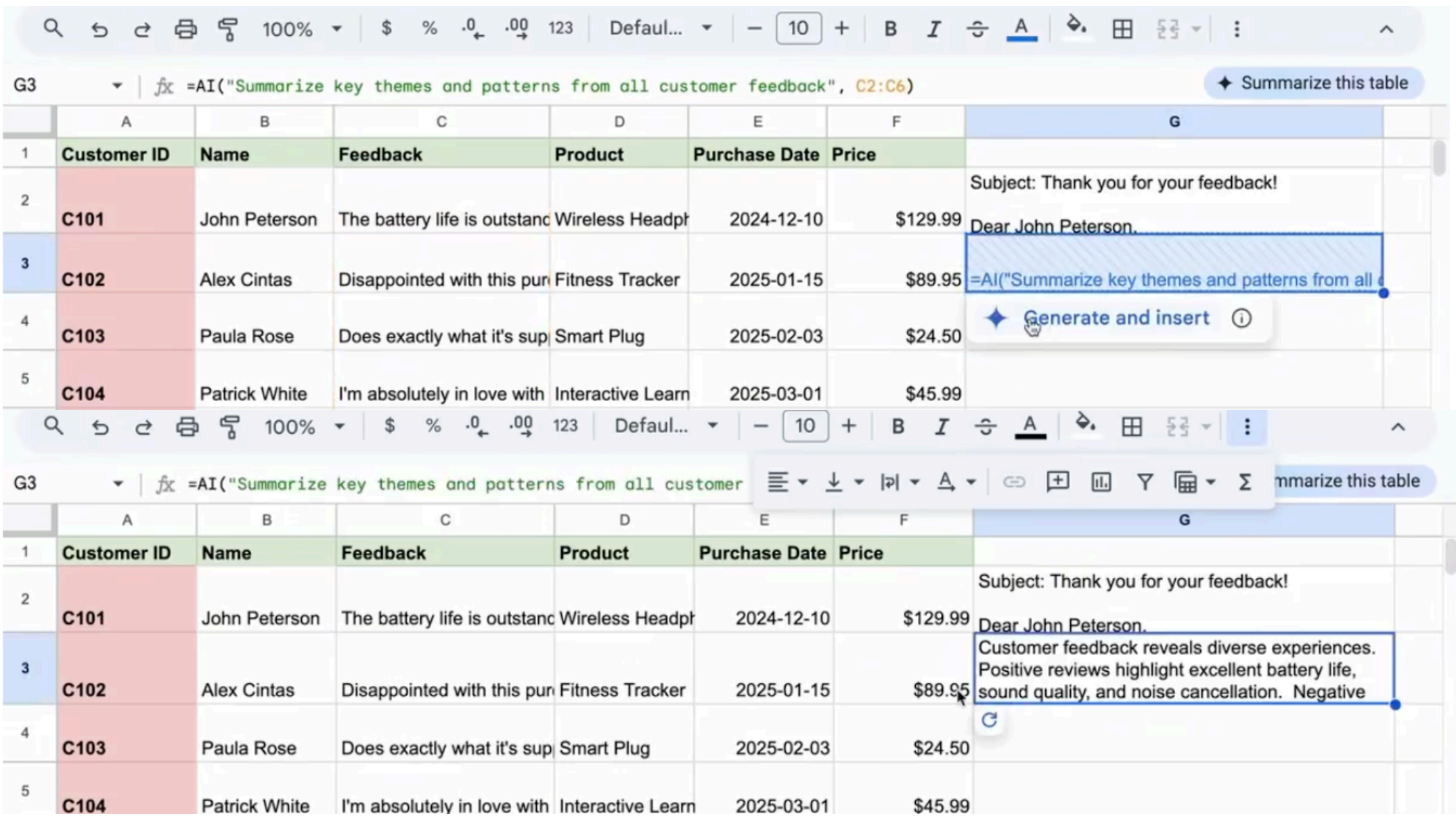
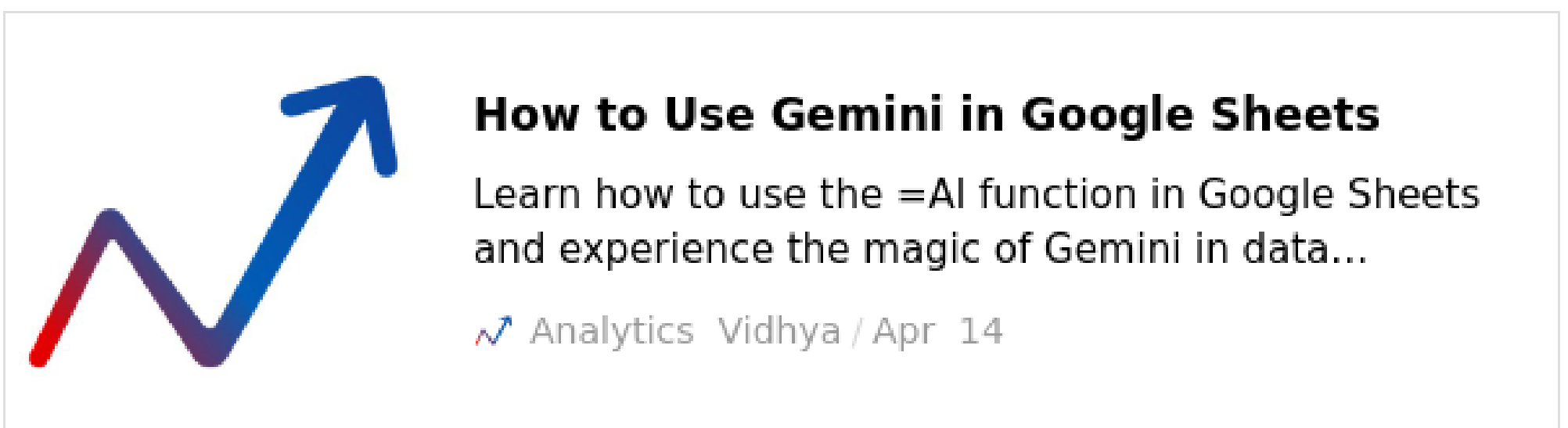




Task 3: Summarization of Patterns

Use the AI function in Google Sheets to automatically classify sentences—like user feedback—as positive or negative, making sentiment analysis quick and effortless.

Formula: =AI(“Summarize key themes and patterns from all customer feedback.”, B2:B6)



To know more , checkout this article: