

PE ASSIGNMENT

Prompt Writing Practice Objective: Learn prompt structures and master prompt engineering techniques by writing and comparing prompts.

Q\n : Write 5 prompts for the following categories:

- + Summarization
- + Rewriting
- + Code generation
- + Role-based prompts (e.g., "Act like a Data Scientist...")
- + Prompt to generate structured content (tables, JSON, etc.)

For each prompt, do the following:

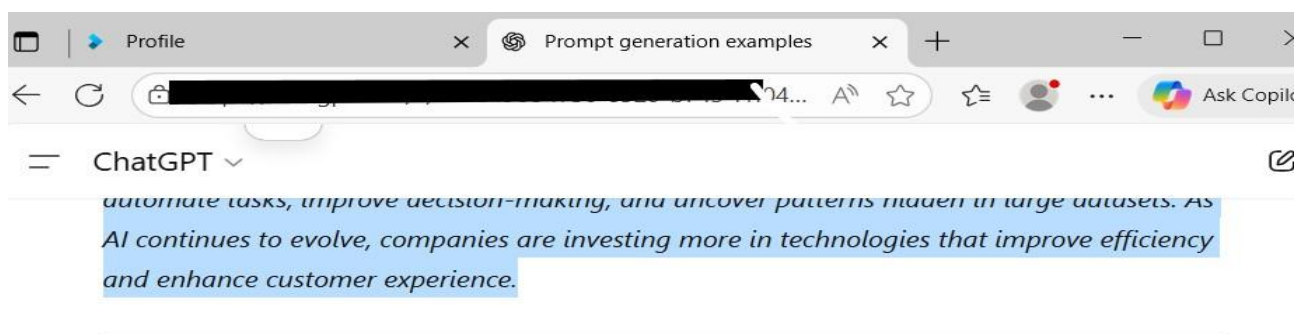
- + Run it on ChatGPT or similar LLM
 - + Take a screenshot of the response
 - + Refine your prompt to improve the output and explain the difference
- Deliverables

Sol : Here is the paragraph I'll use:

Paragraph:

Artificial intelligence is becoming increasingly important in modern industries. It helps automate tasks, improve decision-making, and uncover patterns hidden in large datasets. As AI continues to evolve, companies are investing more in technologies that improve efficiency and enhance customer experience.

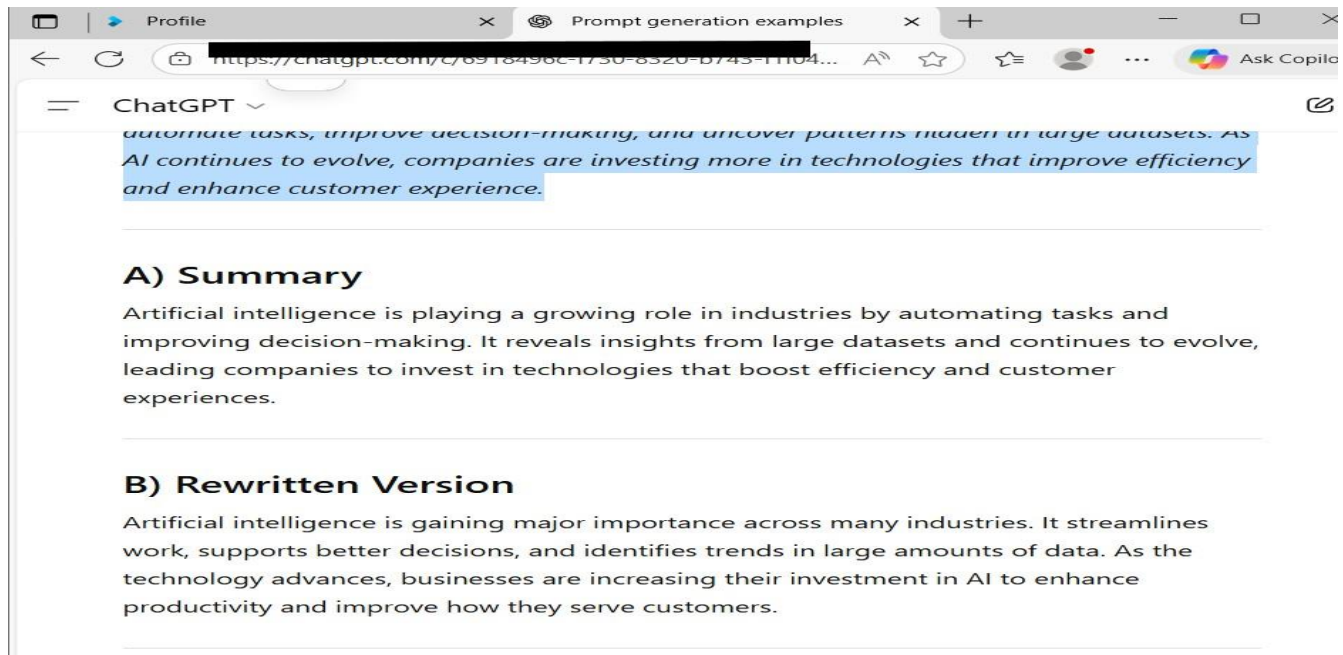
Before Summarizing.png:



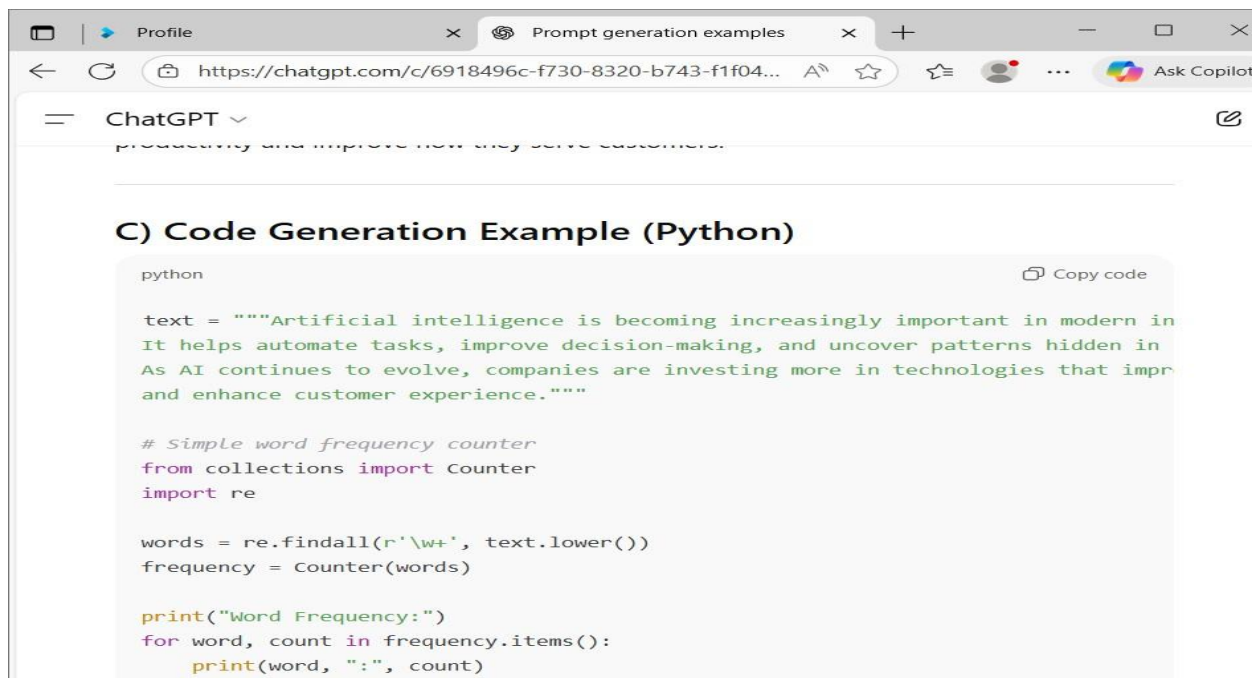
A) Summary

Artificial intelligence is playing a growing role in industries by automating tasks and improving decision-making. It reveals insights from large datasets and continues to evolve, leading companies to invest in technologies that boost efficiency and customer experiences.

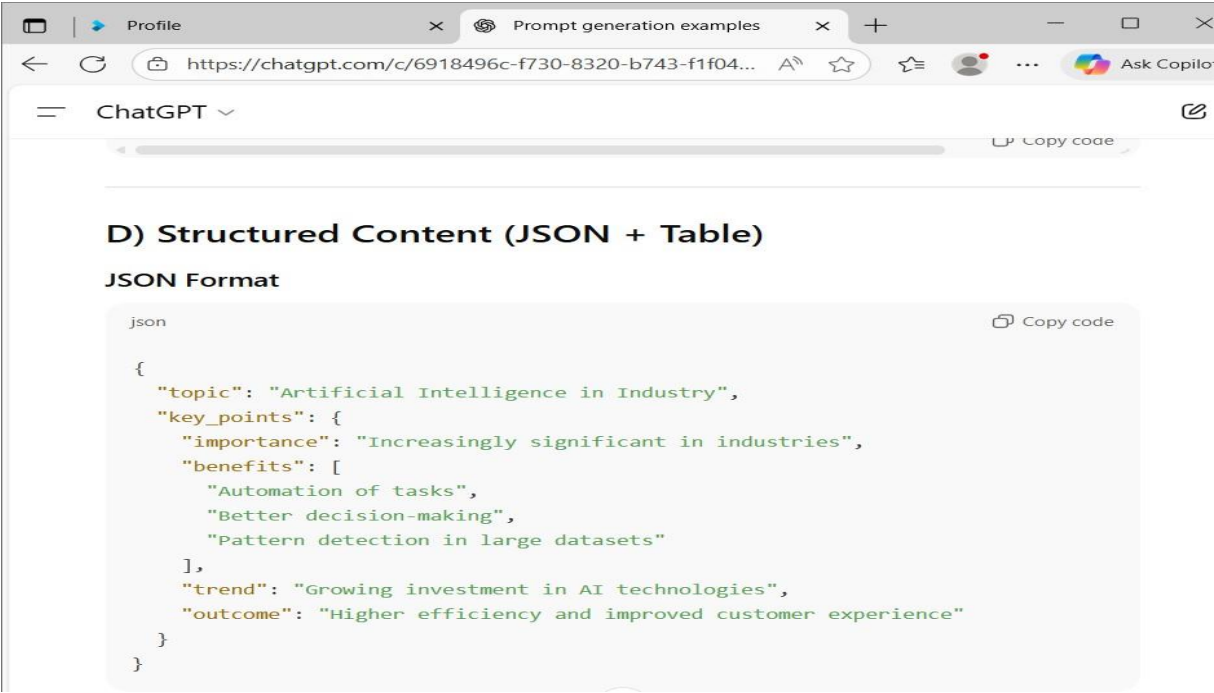
After Refining_rewriting.png:



Code Generation.png :



Structured Content.png :



Reflection :

- The original instructions were scattered and lacked explicit formatting expectations, which could result in incomplete or disorganized outputs.
- By breaking the tasks into numbered steps with specific expectations, the refined prompt ensures consistent quality and makes it easier for the model to understand exactly what to deliver.
- The improvements demonstrate how a well-crafted prompt guides the model more effectively, leading to cleaner, more accurate, and more comprehensive results.

Aspect	Details
Importance	AI is becoming essential in modern industries.

Benefits	Automates tasks, improves decisions, finds hidden patterns
Trend	Companies are investing more in AI technologies
Outcome	Better efficiency and improved customer experience

Reflection(Table Format):