



Vault of Codes

Assignment Tasks:

Task 1: Advanced Prompt Engineering Techniques

Research and Summarize:

Explore advanced prompt engineering techniques such as zero-shot, few-shot, and chain-of-thought prompting. Describe each technique and its applications.

Task 2: Design and Experiment

Prompt Design Experiment:

- Select an AI model available to you for experimentation (e.g., GPT-3.5 or newer versions, if accessible).

- Design a set of prompts that illustrate zero-shot, few-shot, and chain-of-thought techniques. Choose a complex topic or task for these prompts (e.g., solving a math problem, explaining a scientific concept, or providing advice on a niche topic).

- Document the AI's responses to each prompt type and analyze the effectiveness and limitations observed in each approach.\

Hint: Pay special attention to how the amount and type of information provided in each prompt type affect the AI's performance on the given task.