

Part 1: Conceptual Understanding (Theory)

Instructions: Answer the following questions to show your understanding of the core ideas taught in the last session:

1. **Define each of the 4 T's** of Prompt Engineering in your own words:
 - Traits
 - Tasks
 - Tone
 - Targets
2. **Explain why each component matters** when designing effective prompts.
3. **Give an example of a poorly written prompt**, and then **revise it** using the 4 T's to show improvement. Briefly explain your changes.
4. **Find a different Prompt engineering model on the internet.**
Explain it and compare it to the 4 T's what are the advantages and disadvantages of those two models.

Part 2: Practical Application (Hands-on Exercises)

Instructions:

1. Choose a **simple task** you want an AI to help with (e.g., writing a poem, solving a coding problem, summarizing an article, etc.).
2. Submit the **raw response** from the LLM when you give it the simple task without any enhancements.
3. Then, rewrite your prompt using the **4 T's**:
 - Define a **Role and Behavior** (Traits)
 - Specify exactly what you want (Task)
 - Indicate the **style of communication** (Tone)
 - Define the **intended audience and purpose** (Target)
4. Submit the **refined prompt** and the improved response from the LLM.
5. Reflect: What was better about the second response? What challenges did you face while crafting the improved prompt?

Deliverables

- A document with answers to part 1
- A document detailing your approach to part 2 as well as answers to part 2. Make sure to include how the LLM responded to your changes.