

[PPT-04] PROMPT ENGINEERING

What is prompt engineering?

- **Prompt engineering** involves crafting prompts that effectively communicate the task at hand to the LLM, leading to accurate and useful outputs.
- It requires understanding the nuances of language, the specific domain being worked on, and the capabilities and limitations of the LLM being used.
- Though the basic ideas are still valid, some of the early examples of prompt engineering may be no longer useful, due to the improvement of the current models.

Instructions

- Writing.
- Question answering.
- Brainstorming.
- Transforming/rewriting.
- Summarizing.
- Extracting.
- Classifying.

Prompting

- Specifics:
 - Style.
 - Persona.
 - Audience.
 - Tone.
 - Length.
- Context.
- Format.

In-context learning

- Zero-shot learning.
- One-shot learning.
- Few-shot learning.

Chain-of-Thought (CoT)

- Single prompt.
- Chain of prompts.