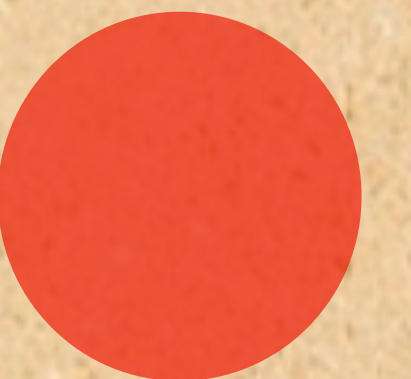
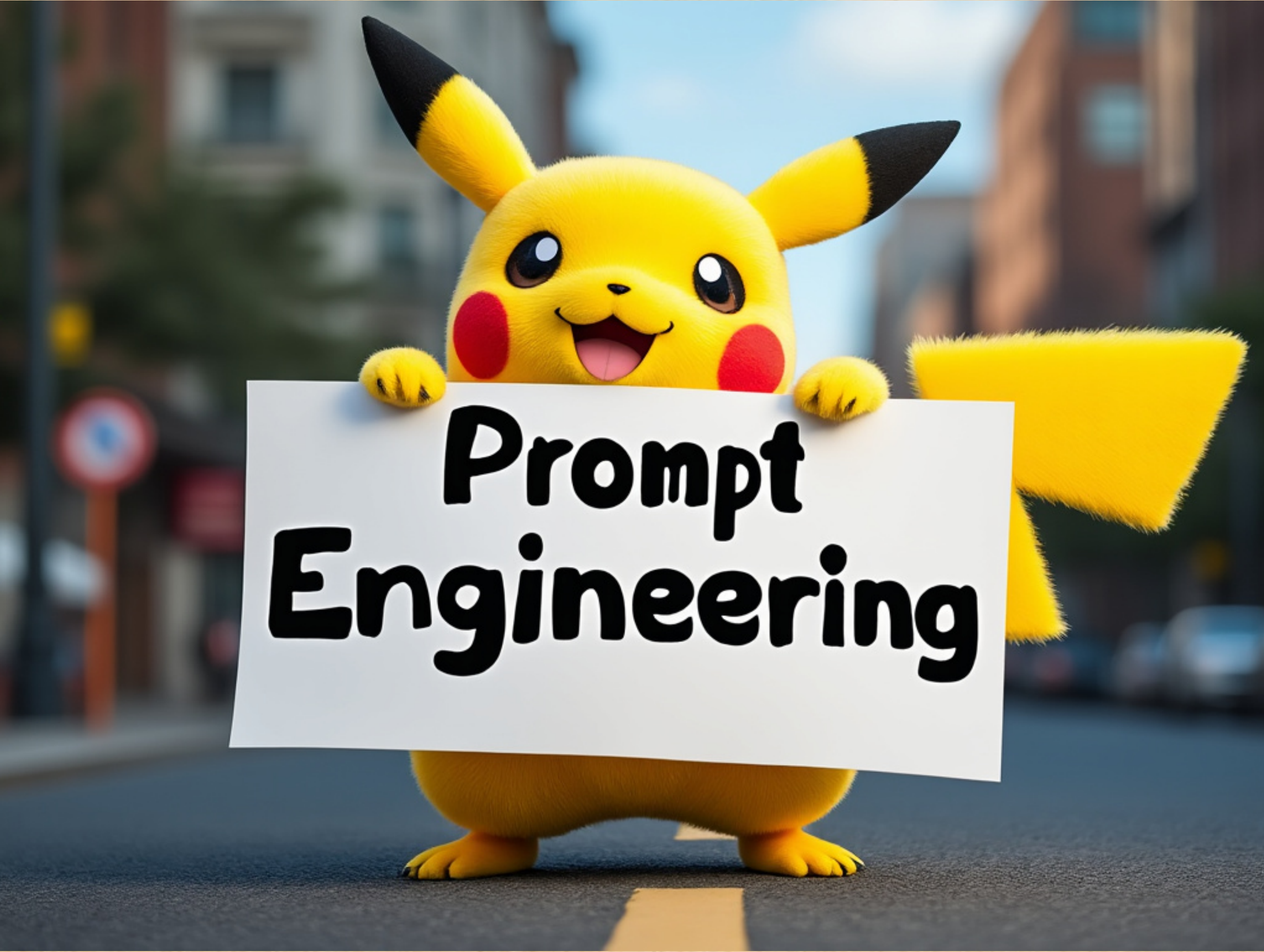


# **Module 1 - Topic 4**

## **4.1 Prompt Engineering**









# Prompt Engineering

**Definition:** Prompt engineering is the art and science of crafting effective inputs for AI language models to elicit desired outputs.

- Helps communicate efficiently with AI systems
- Gives users better control over the AI's output.
- Well-crafted prompts lead to more accurate and relevant responses.



# My approach to Prompt Engineering

Learning to talk to AI!

Prompt Engineering ~ Communication Skills



	Communication Skills	Prompt Engineering
Audience	Humans	AI Language Models
Clarity	Use clear language and avoid jargon	Use precise instructions and provide context
Feedback	Immediate verbal/non-verbal cues	Iterative process based on AI responses
Adaptation	Adjust tone and style for different people	Adjust prompts for different AI models or tasks
Structure	Organize thoughts logically (e.g., intro, body, conclusion)	Structure prompts with specific formats (e.g., few-shot, chain-of-thought)



# Tips for writing better prompts

**Be specific and clear** Precisely state your request, avoiding vague or ambiguous language.

**Set the context** Provide relevant background to frame the AI's understanding and response.

**Specify the desired format** Outline the structure or style you want for the AI's output.

**Break complex tasks into steps** Divide larger requests into smaller, manageable parts for clarity.

**Set constraints and parameters** Define limits or requirements to guide the AI's response direction.