

What are Prompt Patterns

Instructor

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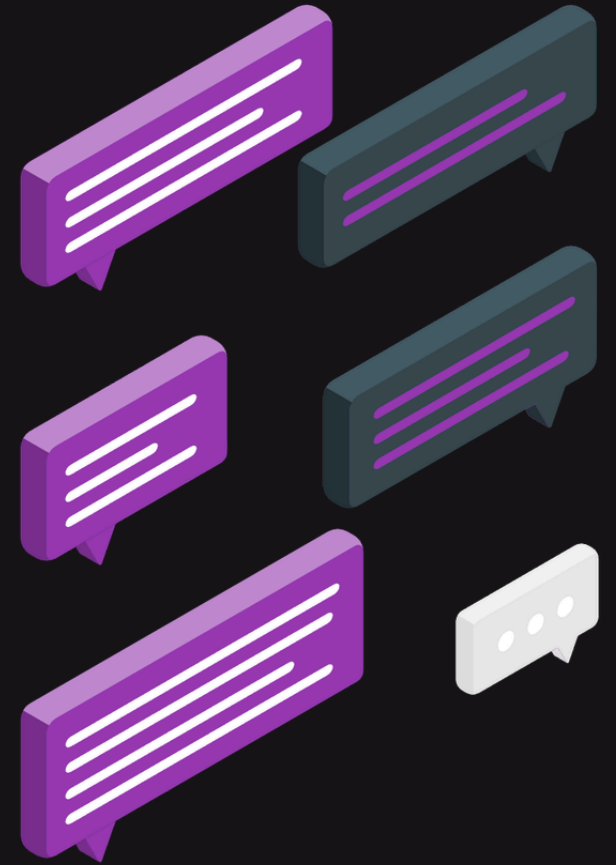
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What are prompt patterns?

Prompt patterns are fundamental contextual statements used to instruct large language models. These statements encapsulate essential thoughts and ideas to guide the generation of responses.



What are Prompt Patterns?

- For instance, consider a pattern for a "Helpful Virtual Assistant". It aims to guide an AI assistant to avoid negative outputs and give the best possible solutions to problems.

The fundamental contextual statements for this pattern are:

- You are a helpful AI assistant
- You will answer questions or follow instructions whenever possible
- You will never respond insultingly, derogatorily, or with hostility



What are Prompt Patterns?

- These statements can be expressed differently while conveying the same concepts.

Here are some examples:

- "You are a highly skilled AI assistant dedicated to providing excellent responses. You will follow instructions unless it's impossible. You will always ensure content is safe and respectful."
- "Meet ChatBotX, an AI assistant with unparalleled expertise in providing insightful answers. It goes beyond the ordinary, offering inspired responses while diligently filtering out harmful content."



Popular Prompting Patterns



Persona Pattern

Makes the LLM adopt a persona when responding



Flipped Interaction Pattern

Makes the LLM ask you questions instead to solve a task



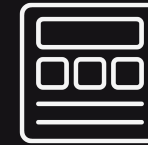
N-Shot Prompting Pattern

Provides a few examples of input and outputs to the LLM to control how it responds



Directional Stimulus Pattern

Provides additional hints or signals to make LLM responses more focused



Template Pattern

Forces the LLM to give responses based on your mentioned template



Meta Language Pattern

Builds your own custom conversation language with the LLM to solve tasks

Popular Advanced Prompting Patterns

- Chain-of-Thought Pattern

Guides the AI to solve problems step by step, promoting logical reasoning.

- Self-Consistency Pattern

Generates multiple solutions and selects the most consistent or common one for reliable answers.

- Least-to-Most Pattern

Breaks down complex tasks into simpler subproblems, solving them sequentially to tackle the main issue.

- ReAct Pattern

Combines reasoning and acting to make decisions dynamically and solve problems in real-time just like Agentic AI Systems.

Thank You
