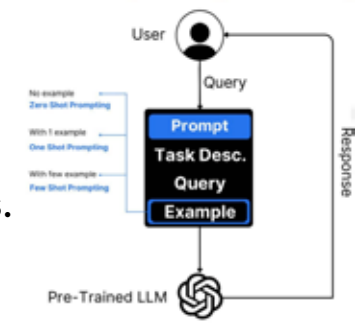
Become a Prompt Engineering Expert in 2025

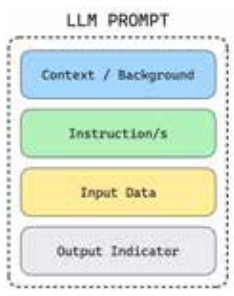


Step 1

Introduction to Prompt Engineering

Learn the art of crafting instructions for **LLMs.**
Understand LLMs like **GPT-4o, Llama 3.2**, and their applications.
Identify key skills and study real-world use cases.





Step 2

Setting Up LLMs for Prompting

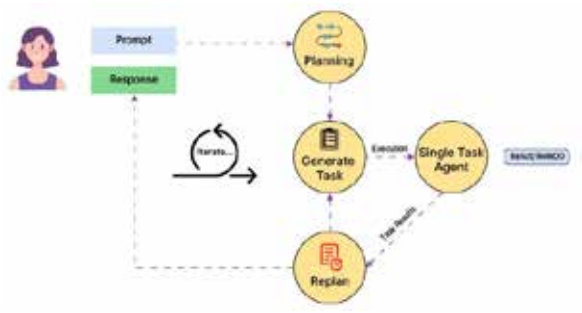
Use platforms like **ChatGPT, Claude**, or **Gemini**
Run open-source models locally (e.g., Llama 3.2 via **Hugging Face**)
Configure and use APIs for programmatic access

Step 3

Crafting Effective Prompts

Write clear and specific instructions with examples.
Experiment with **LLM parameters** (e.g., temperature, top_p).
Use tools like **Anthropic's prompt generator.**





Step 4

Understanding Prompt Patterns

Apply reusable patterns like '**Fact Check List**' and '**Persona**'
Combine patterns to solve complex tasks efficiently

Step 5

Advanced Techniques

Explore **N-shot**, **Chain of Thought**, **Tree of Thoughts**, and **ReAct** techniques.
Experiment with **multimodal LLMs** (text, image, audio prompts).
Use strategies like Self-Refine and Chain of Verification to reduce errors.

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