

# 10 Prompt Engineering Techniques ✨

## 1 Zero-Shot Prompting 💻

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<https://medium.com/@athatikonda12/prompt-engineering-techniques-ac87b245b542>

# Prompt Engineering: 10 Techniques



Zero Shot



Few Shot



System



Role



Contextual



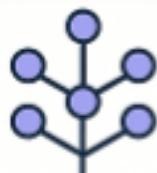
Step-Back



Chain of Thought



Self-Consistency



Tree of Thoughts



ReAct

Getting great results from AI isn't just about asking questions - it's about asking them *right*. 🤖

**Prompting** is the key to unlocking the full potential of large language models (LLMs).

Whether you're writing, coding, or solving problems, the way you frame your prompt can dramatically change the outcome.

In this article, we'll explore **10 effective prompting techniques** that help you guide AI with precision, creativity, and clarity. 🚀

*Image by author*

Just ask your question - no examples, no context.

The AI uses its training to guess what you mean.

- ✓ Best for simple, direct tasks.

## 2 Few-Shot Prompting

Give a few examples (usually 3-5).

This helps the AI learn your format and tone.

- 📌 Useful for tasks like writing, summarizing, or formatting.

## 3 System Prompting

Set the rules before the conversation starts.

Tell the AI how to behave (e.g., "Be polite" or "Reply in JSON").

- 🔒 Great for controlling style, safety, and structure.

## 4 Role Prompting

Assign a role - like "act as a teacher" or "be a travel expert."

The AI will respond in that voice and mindset.

- 🎭 Adds personality and domain focus.

## 5 Contextual Prompting

Add background info, instructions, or previous messages.

The more context you give, the better the AI understands.

- 🌐 Perfect for long tasks or multi-turn chats.

## 6 Step-Back Prompting

Start with a broad question, then go deeper.

This helps the AI think before answering.

- 🧠 Good for tasks that need reasoning or planning.

## 7 Chain-of-Thought (CoT)

Say "Let's think step by step."

The AI will show its logic before giving the final answer.

- 💻 Great for math, coding, or decision-making.

## 8 Self-Consistency Prompting

Ask the same thing multiple times with randomness.

Pick the most common answer.

 Helps get more reliable and accurate results.

## 9 Tree-of-Thought (ToT)

Let the AI explore multiple ideas instead of one.

It builds a tree of options and picks the best path.

 Ideal for complex or creative tasks.

## 10 ReAct (Reason + Act)

AI thinks → takes action → observes → repeats.

It uses tools or data to solve problems step by step.

 Feels like human problem-solving.

*If you found this helpful ✅, don't forget to watch the video 👤 and subscribe 🎙 for more insights!*

<https://www.youtube.com/@AnushaTech>

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