

Advance Prompting Techniques

Few shot / One shot / Zero shot?

Translate into French	→	Task Description
Sea otter => Loutre de mer	→	Example 1
Peppermint => menthe poivree	→	Example 2
Plush giraffe => girafe peluche	→	Example 3
Cheese => _____	→	Prompt



Chain-of-Thought Prompting

- Chain-of-thought prompting involves instructing the model to "think out loud" by breaking down its reasoning process step-by-step.
- This technique is useful for tasks that require logical reasoning, complex problem-solving, or detailed explanations.



Solve the math problem: A farmer has 24 apples. If she gives 3 apples to each of her 4 friends, how many apples does she have left? Explain your reasoning step-by-step.

- **Benefit:** Helps the model reach more accurate conclusions by considering the logical steps involved.



Role-Playing Prompts

- This technique involves asking the model to adopt a specific role, perspective, or persona to tailor its response according to that role.



You are a marketing expert specializing in social media. Provide five innovative strategies for increasing brand engagement on Instagram.

- **Benefit:** Produces more focused and relevant content that aligns with a specific perspective or expertise.



Instructional Design Prompts

- Clearly structure your prompt to guide the AI through a task with specific instructions. This can include outlining a format, bullet points, or specific sections.



Write a 300-word blog post on the importance of cybersecurity for small businesses. Start with an introduction, list three key reasons, and conclude with actionable steps.

- **Benefit:** Ensures that the AI follows a specific format or covers particular points in its response.



Prompt Chaining

- Prompt chaining involves using a series of interrelated prompts to build a more complex response or to break down a large task into smaller, manageable parts.



First, list the main components of a car engine.
Then, explain the function of each component in detail.
Finally, describe how these components work together to power a car.

- **Benefit:** Allows for a deeper exploration of a topic by dividing it into sequential steps or stages.



Contradiction Prompts

- Ask the AI to generate multiple answers to a question, including both supporting and opposing views. This technique is useful for exploring different perspectives or for tasks that require balanced arguments.



What are the pros and cons of remote work?
Provide two arguments in favor of remote work and two arguments against it.

- **Benefit:** Encourages the model to consider different viewpoints and produce more balanced content.



Contextual Anchoring

- Use specific context or background information to anchor the AI's response within a particular scenario, environment, or dataset.



As a teacher in a low-income urban school, how can you use technology to improve student engagement and learning outcomes?

- **Benefit:** Ensures that the AI response is tailored to a specific context, making it more relevant and applicable.



Meta-Prompting

- Ask the AI to reflect on its own output or to critique its response. This can help refine results or produce more self-aware answers.



Provide a summary of the causes of climate change. Then, critique the accuracy and comprehensiveness of the summary you just provided.

- **Benefit:** Promotes self-improvement and can help identify gaps or areas for additional detail.