

# PROMPT ENGINEERING CHEAT SHEET

Supercharge Your AI Outputs



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## Prompt Engineering Best Practices 🤝

Tip	Description
<b>Be Specific</b>	Clear goals lead to better results.
<b>Add Examples</b>	Especially helpful for creative or generative tasks.
<b>Use Role Play</b>	Helps narrow context and guide tone.
<b>Apply Constraints</b>	Word limits, tone, or formatting improve output quality.
<b>Iterate and Refine</b>	Modify based on results; prompting is an iterative skill.
<b>Combine Prompt Types</b>	Layer role + structure + constraints for precision.

## 🧠 Types of Prompting 👇

Type	Description	Prompt Example	Use-Case
<b>Instruction Prompting</b>	Give clear, direct commands to the model	"Summarize this article in 3 bullet points."	Summarization, rewriting, Q&A
<b>Zero-Shot Prompting</b>	Ask the model to perform a task without any examples	"Translate to German: 'I love AI.'"	Translation, classification, search
<b>Few-Shot Prompting</b>	Include a few examples to guide output	"Translate: 'Dog'→'Chien', 'Cat'→'Chat', 'Bird'→?!"	Generative tasks, style learning
<b>Chain-of-Thought</b>	Encourage step-by-step reasoning	"Let's solve this step-by-step: What's 18% of 250?"	Math, logic, multi-step reasoning
<b>Role-Based Prompting</b>	Assign a specific persona or role to the model	"You are a career coach. Help me write a resume for data science."	Expert emulation, consulting, advising
<b>Structured Output</b>	Ask for a specific output format or template	"Give the answer in JSON: {question, answer, confidence}"	API use, formatting, automation
<b>Constraint Prompting</b>	Apply limits on style, tone, word count, etc.	"Write a tweet under 20 words, in a humorous tone, about ChatGPT."	Social media, copywriting
<b>Comparative Prompting</b>	Ask the model to compare or contrast two entities	"Compare GPT-4 and Gemini on reasoning and UI."	Competitive analysis, reviews
<b>Simulation Prompting</b>	Create interactive or scenario-based conversations	"Simulate a mock interview for a machine learning engineer role."	Interview prep, training, dialogue
<b>Refinement Prompting</b>	Ask to rewrite or polish an existing piece of content	"Make this more concise and professional."	Editing, polishing, tone adjustment