

PROMPT ENGINEERING CHEAT SHEET

Supercharge Your AI Outputs



Prashant Nair

<https://www.linkedin.com/in/prashant-solution-architect/>

Prompt Engineering Best Practices 🙌

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

🧠 Types of Prompting 🙌

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