



# Prompt Engineering Cheat-Sheet (2025 Edition)

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## 1. Prompt Structure Framework

**Basic Template:**

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[Instruction or Goal]

[Context or Background (optional)]

[Constraints or Style Requirements]

[Examples (optional)]

**Example:**

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Write a 3-paragraph blog post explaining how AI is transforming digital marketing.

Use a casual, enthusiastic tone. Include at least one real-world example.

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## 2. Prompt Types by Purpose

Type	Description	Example
Instructional	Direct command or task	"Summarize this article in one paragraph."
Exploratory	Investigate or brainstorm	"What are the risks of deepfake technology?"
Role-based	Assign a persona to the AI	"Act as a branding expert. Create a slogan."
Few-shot Examples	Teach by example	"Translate: Dog - Chien, Cat - ?"
Iterative Refinement	Improve outputs step-by-step	"Revise this copy to sound more persuasive."
Chain-of-Thought	Step-by-step reasoning	"Solve this problem step-by-step."

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### 3. Prompting Techniques

#### Role + Task

Assign a role and a specific goal.

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You are a UI designer. Generate ideas for a mobile booking interface.

#### Format Instructions

Be specific about how you want the output formatted.

Instruction	Result
"Use bullet points"	Lists or key takeaways
"Output in JSON format"	Useful for structured data or code
"Present in table format"	Comparison or structured info

## Chain-of-Thought Prompting

Encourage logical steps.

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Let's think through this logically. Why would a startup choose open-source over commercial tools?

## Few-shot Prompting

Provide examples to mimic.

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Input: I'm hungry → Output: Try eating a snack.

Input: I'm tired → Output: Take a short nap.

Input: I'm bored → Output:

## Self-Refinement Prompting

Instruct the model to critique or improve its own answer.

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Review your response for clarity. Suggest two improvements and then rewrite it.

## Meta-Prompting

Prompt the model to help write better prompts.

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Help me write a better prompt to generate viral product launch tweets.

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## 4. Advanced Prompt Strategies

### Prompt Injection Protection (for developers)

- Sanitize user input.
- Avoid concatenating raw inputs into system prompts.
- Escape or filter dangerous characters.

### Style or Variant Tuning

Request multiple styles in one prompt.

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Write 3 variations of this landing page copy:

1. Professional
2. Friendly
3. Humorous

## Modular Prompting

Break a large goal into stages.

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Step 1: Summarize the report.

Step 2: Extract all action items.

Step 3: Format them as a checklist.

## Context Enrichment

Provide additional information for better outputs.

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Here is our brand guide. Use it to write a product announcement in our tone.

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## 5. Prompt Writing Best Practices

### Do:

- Be clear, specific, and focused.
- Provide relevant context.
- Use constraints (word count, tone, format).
- Use examples when possible.
- Iterate and refine.

### Avoid:

- Vague, open-ended prompts.

- Stacking multiple unrelated tasks.
  - Relying on assumed knowledge.
  - Under-specifying the desired output format.
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## 6. Style and Tone Controls

### Desired Tone

### Prompt Addition

Professional     "Use formal language. Avoid slang or contractions."

Conversational   "Write like you're explaining it to a friend."

Persuasive       "Use emotional and confident language."

Technical         "Use precise terminology appropriate for engineers."

Academic         "Use neutral tone and cite credible sources."

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## 7. Practical Use Case Examples

### Marketing

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Write 5 subject lines for a summer sale campaign targeting eco-conscious buyers.

## Development

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Write a Python function that converts hex color codes to RGB format.

## Education

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Explain the American Revolution in 3 paragraphs for a 10th-grade audience.

## Copywriting

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Create a product description for a smartwatch, emphasizing fitness and sleep tracking.

## Customer Support

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Write a response to a customer who is frustrated about a delayed shipment. Be professional and empathetic.

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# 8. Common Prompt Templates

## Email Generator

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Write a [tone] email to [audience] informing them that [situation or update].

## Blog Post Outline

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Create an outline for a blog titled "[Title]". Audience: [Target audience].

## Product Description

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Write a persuasive product description for [product name]. Highlight benefits and features.

## Code Explanation

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Explain what the following code does in simple terms: [code]

## Interview Questions

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Create 5 interview questions for a [job role] focusing on [specific skill or topic].

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## 9. Universal Prompt Builder Template

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Act as a [role or expert]. I want you to [primary task].

The output should be in [format/style]. Make sure to [constraints or requirements].



Use the following reference: [background information or sample data].

**Example:**

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Act as a content strategist. Develop 3 headline options for an article about healthy eating for busy professionals. Each should be under 12 words and use an active voice.