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Learn Prompting



● What is Generative AI?

● ChatGPT Basics

● Testing Prompts with  
Interactive Learn Prompting  
Embeds

● Introduction to Prompt  
Engineering

● Basic Prompt Structure  
and Key Parts

● **Technique #1: Instructions  
in Prompts**

● Technique #2: Roles in  
Prompts

● Technique #3: Examples in  
Prompts: From Zero-Shot to  
Few-Shot

● Combining Prompting  
Techniques

● Tips for Writing Better  
Prompts

● Prompt Priming: Setting

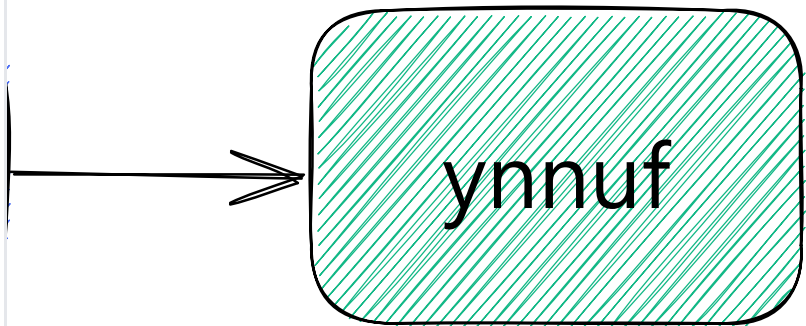
Technique #1: Instructions in Prompts

# Instructions in

🕒 Reading Time: 6 minutes

👤 Sander Schulhoff

Model Output



prompting technique, **instruction prompting**. It  
includes instructions or directives to the AI model.

🌐 English ^



Instructions used in the doc about **prompt engineering**  
like getting an AI to solve the math problem. However, we can instruct Gen AIs to do  
much more complex tasks.



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## Prompting?

ound the ability of **generative AI models**, **s (LLMs)**, to follow natural language instructions. v models to work with new, previously unseen tasks instructions expressed in natural language, without ta.

model on multiple examples of extracting the fourth ply instruct it: "Write the fourth word of the

## oting is Important

crafted instructions to understand tasks and deliver otting enables users to guide AI through complex oval, and essay evaluation—without needing vast ned rules.

e, making it particularly useful for adapting AI to e risks of incorrect outputs by enabling prompt

## on Prompting

ng is formatting names correctly, especially when rs (e.g., "John Smith" or "Smith John"). Instruction this task effortlessly.

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last name into a form. We don't know in which name are, but we need it to be in this format

e in the expected format: John Smith

 Copy



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and one that the prompt does not properly handle. If you are able to improve the prompt as well! This is a fun engineering skills.

### Identifiable Information (PII)

Remove any personally identifiable information from documents. With AI can automatically identify and replace PII, saving time.

 Copy

Remove any personally identifiable information from documents. With AI can automatically identify and replace PII, saving time.

I noticed you recently purchased a new car. I'm a salesperson at a local dealership (Cheap Dealz), and I wanted to let you know that we have a great deal on a new car. If you're interested, please let me know.

smith@cheapdealz.com

 Copy

I noticed you recently purchased a new car. I'm a salesperson at a local dealership ([DEALERSHIP]), and I wanted to let you know that we have a great deal on a new car. If you're interested, please let me know. Thanks,



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AIL ADDRESS]

odel can extrapolate from the instructions. For Dealz with [DEALERSHIP] and Jimmy Smith with not explicitly tell it to do so.

### back

used to evaluate essays based on various criteria ment quality. The model can provide detailed ne task of a human reviewer.

Copy

an essay and provide feedback based on the rity, coherence, argument quality, and use of -10 for each attribute, along with reasoning for

re's no solid evidence supporting the idea that vior. Research on the topic is often contradictory ound a correlation, but correlation doesn't imply blame video games for violence in society."

Copy

oning: The essay is mostly grammatically correct, rrelation doesn't imply causation' should be tion'.

oning: The essay is generally clear, but could on about the contradictory and inconclusive nature

Attribute: Coherence Score: 8 Reasoning: The arguments are coherent and related, but the transition between them could be smoother.



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e: 7 Reasoning: The argument presented is logical  
be strengthened with a clearer statement of the

I technique that allows generative AI models to  
clear, concise directions. Through examples like  
ay evaluation, we can see how flexible and scalable  
ng will be a key tool as you continue exploring AI

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ative?

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ction prompting?

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rompt?

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ned with other prompting techniques?

+

writing instruction prompts?

+

prompts?

+

## Footnotes



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## The Turing Test: Can Language Models Understand

C., Choi, Y., & Hajishirzi, H. (2022). Reframing s Language. Findings of the Association for L 2022.

[2022.findings-acl.50](#) ↩

text is a promising approach, but it should be used it may make mistakes. ↩

example that you are sending PII to a third party (e.g. PT), and these services may record and use your ↩

Γ-3, for this example. ↩

HackAPrompt and Learn Prompting. He created ide on the internet, two months before ChatGPT : 3 million people how to prompt ChatGPT. He run the first AI Red Teaming competition, rger than the White House's subsequent AI Red ackAPrompt partners with the Frontier AI labs to heir models more secure. Sander's background is y and deep reinforcement learning. He recently led port, the most comprehensive study of prompt -page survey, co-authored with OpenAI, tanford, and other leading institutions, analyzed overed 200+ prompting techniques.

Next



Technique #2: Roles in Prompts



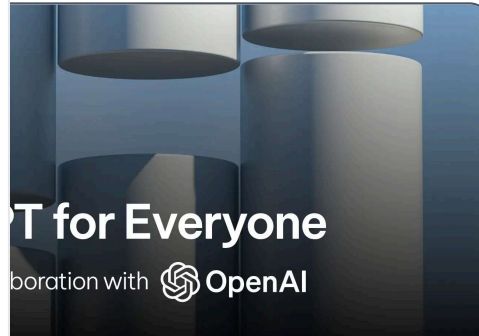
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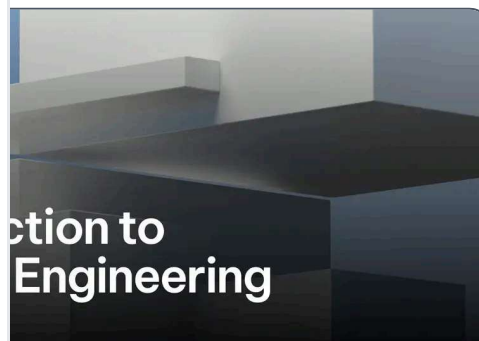
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Introduction to Prompt Engineering



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amentals of prompt engineering, the crafting effective instructions for AI thatGPT, Claude, and Perplexity. You'll write better prompts, understand ho... e models (LLMs) interpret inputs, and



### Prompt Engineering

anced techniques in prompt enhance the accuracy, reliability, of AI-generated responses. Learn methods for creating complex prompts... like GPT-4o, Claude, and Gemini.

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