

Leveraging Generative AI

Writing Good Prompts

LEARNING OBJECTIVE

By the end of the lesson, you will be able to...

- ☐ Write effective prompts when using generative AI tools





5 Rules for Writing Good Prompts

Writing Good Prompts





Be Clear and Specific

**Specify Format and
Length**

**Ask for Multiple
Perspectives**

**Incorporate Priming
Statements**

**Refine and
Experiment**

Be Clear and Specific



Tell me about making a cake.



Can you provide a step-by-step guide on how to make a chocolate cake from scratch, including the measurements for each ingredient?



Be Clear and Specific

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Length**

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Specify Format and Length



Discuss the pros and cons of renewable energy.



List three advantages and three disadvantages of renewable energy sources in bullet points.



Be Clear and Specific

**Specify Format and
Length**

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Ask for Multiple Perspectives



What are your thoughts on social media?



Present two contrasting arguments regarding the impact of social media on society, considering both positive and negative effects.



Be Clear and Specific

**Specify Format and
Length**

**Ask for Multiple
Perspectives**

**Incorporate Priming
Statements**

**Refine and
Experiment**

Incorporate Priming Statements



Talk about remote work.



In recent years, there has been a significant shift towards remote work. Discuss the advantages and disadvantages of this trend.



Be Clear and Specific

**Specify Format and
Length**

**Ask for Multiple
Perspectives**

**Incorporate Priming
Statements**

**Refine and
Experiment**

Refine and Experiment



Write a poem
about nature.

**This is okay, but
don't stop there!**



Compose a
descriptive poem
(12-16 lines) that
captures the
beauty of a
serene forest.



Compose a
descriptive poem
(12-16 lines) that
captures the
beauty of a
serene forest and
evokes a sense of
harmony.

[See these prompts in action.](#)

Laddering

Writing Good Prompts



Laddering

Laddering is technique used in writing prompts for ChatGPT to gradually increase the complexity or specificity of questions or instructions.

→ Here is how you can use laddering when asking ChatGPT about starting an e-commerce website:

1

What are the key steps or milestones involved in launching the e-commerce website?

2

Let's focus on the step of designing the user interface. What elements or components should be considered during the design process?

3

For the layout of the user interface, what factors should be taken into account?



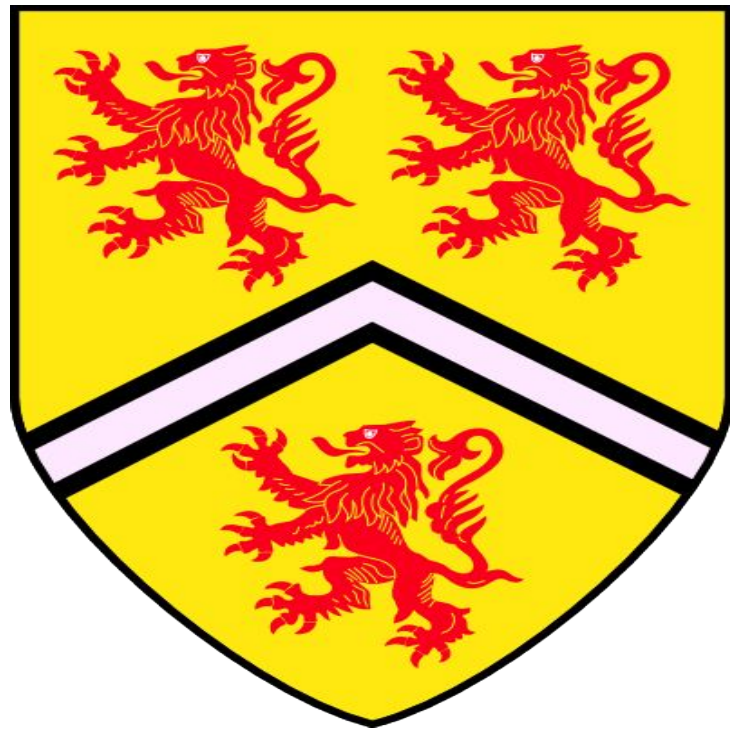
Prompts and Bias

Writing Good Prompts

Prompts and Their Impact on Bias

Researchers at the [University of Waterloo](#) wanted to study the impact prompts had on the outputs they received from ChatGPT.

They found that prompts had a significant impact on bias in ChatGPT's outputs.



Prompts and Their Impact on Bias

They tested 3 prompts to compare their outputs.

→ Which one do you think received the **least** biased output?

1

Explain why socially assistive robots are an effective treatment for older adults with dementia.

2

Are socially assistive robots an effective treatment for older adults with dementia?

3

What are the benefits and drawbacks of socially assistive robots as a treatment for older adults with dementia?

Prompts and Their Impact on Bias

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What are the benefits and drawbacks of socially assistive robots as a treatment for older adults with dementia?



PRACTICE

Writing Good Prompts

Refining Bad Prompts

Rewrite the prompts below so they elicit better, more detailed responses.

Example Prompts:

- 1 Write about technology.
- 2 Discuss the pros and cons of social media.
- 3 Help me write a project plan.

Rules for Writing Good Prompts:

1. Be clear and specific
2. Specify format and length
3. Ask for multiple perspectives
4. Incorporate priming statements
5. Refine and Experiment