



AI Literacy & Advanced Prompting

Few-shot prompting, bias, privacy and academic ethics

Part 1 Advanced Techniques: "Few-Shot" Prompting

A **zero-shot** prompt asks the AI to do something without giving it examples (e.g., "Write a poem about space."). A **few-shot** prompt gives the AI a few examples of the input and the output you expect before asking it to do a new one. Examples show the AI the pattern, which makes its answers more accurate and consistent.

EXAMPLE OF A FEW-SHOT PROMPT

"Classify the tone of each movie review as Positive, Negative, or Neutral.

Review 1: 'The acting was terrible and the plot made no sense.' → Negative

Review 2: 'A cinematic masterpiece that kept me on the edge of my seat.' → Positive

Review 3: 'The pacing was a bit slow, but the cinematography was okay.' → "

1 Read the Pattern

The prompt stops after Review 3, so the AI fills in the answer. What label should it give Review 3? What words in the review tell you?

Label: _____

Evidence: _____

2 Your Turn: Write a Few-Shot Prompt

Write a few-shot prompt that teaches the AI to summarize historical events into **exactly 3 bullet points**. Include an instruction, at least **one complete example** (an event + its 3-bullet summary), and then a **new event** for the AI to summarize.



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Part 2 Critical Analysis: Bias & Privacy

LLMs (large language models) learn from huge amounts of internet text, so they can repeat the biases and stereotypes in that text. Also, what you type into a chatbot may be stored and, depending on the service and settings, used to train future versions.

SAMPLE RESPONSE TO "DESCRIBE A TYPICAL SOFTWARE ENGINEER."

"A typical software engineer is a young man in his twenties who wears hoodies, lives on energy drinks and pizza, and spends his weekends gaming. He is introverted, great with computers but awkward with people, and probably started coding as a teenager in his parents' basement."

3 Spot the Bias

What stereotypes or biases do you notice in this response? Where might the AI have learned them?

4 Protect Privacy

Why is it risky to paste a classmate's unpublished essay or your personal medical information into ChatGPT?

Part 3 Academic Ethics: Co-Pilot vs. Autopilot

Autopilot = AI does the work for you (academic dishonesty). **Co-Pilot** = AI assists, brainstorms or critiques while you do the work (a valuable skill). For Question 5, check one box per scenario.

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| 5A | ☐ Co-Pilot | Using ChatGPT to generate a list of counter-arguments for debate prep, then researching those points yourself in verified academic journals. |
| | ☐ Autopilot | |
| 5B | ☐ Co-Pilot | Generating a 5-paragraph essay on <i>The Great Gatsby</i> , pasting it into a document, and using a thesaurus to change a few words so it doesn't look like AI wrote it. |
| | ☐ Autopilot | |
| 5C | ☐ Co-Pilot | Pasting your completed rough draft into the AI with the prompt: "Review this essay for clarity and suggest 3 ways I could make my thesis statement stronger." |
| | ☐ Autopilot | |