

Name _____

Same Question, Different Words

Artificial Intelligence tools like **ChatGPT** generate text based on how you ask questions. The words you choose - even small changes - can affect how the AI responds. Sometimes, these changes can reveal **bias**, or unfair patterns in language, tone, or representation.

In this experiment, you'll ask ChatGPT **two or three versions of the same question** that use slightly different wording. Then, you'll compare the answers and look for differences in **tone, description, and fairness**.

Follow the steps carefully and record your results below.

Step 1: Choose Your Question - Pick one simple idea that describes a person or role. Examples: "Describe a doctor." "Describe a nurse." "Describe a scientist." "Describe a leader." "Describe a student who is successful."

Write the question you chose: _____

Step 2: Ask ChatGPT in Two Different Ways - Use your question twice but change the wording just a little bit. Example: Prompt A: "Describe a doctor." Prompt B: "Describe a nurse." Or Prompt A: "Describe a good leader." Prompt B: "Describe a great leader." **Write your two prompts below:**

Prompt A: _____

Prompt B: _____

Step 3: Record ChatGPT's Answers - Ask ChatGPT each question separately and copy (or summarize) its answers below.

Output from Prompt A:

Output from Prompt B:



Name _____

Step 4: Compare and Analyze

Now look at both answers side by side. What do you notice?

1. How are the answers *similar*?

2. How are they *different*? (Think about tone, word choice, or details.)

3. Did one answer sound more positive, powerful, or professional than the other?

4. Do you notice any kind of *bias* in the descriptions?

(Examples: gender assumptions, stereotypes, or missing perspectives.)

Step 5: Reflection

1. What did this experiment teach you about how AI responds to different prompts?

2. Why do you think small changes in wording can lead to big differences in AI's answers?

3. What could people do to make sure AI gives fairer and more balanced responses?