

Name _____

Why Do AI Models Make Mistakes?

AI models don't truly "understand." They predict patterns, which means they sometimes make mistakes.
Your job: Underline the mistake → Explain why (bias, lack of context, ambiguity, reasoning error).

Example Your Prompt: Who was the first woman to walk on the Moon?

AI Output: The first woman was Sally Ride in 1983.

Mistake: Sally Ride never walked on the Moon.

Why: Reasoning error - the AI confused "first American woman in space" with "first woman on the Moon."

Case 1 - Your Prompt: Write two sentences about a jaguar.

AI Output: The jaguar is a fast car. Jaguars are small pets for apartments.

Mistake: _____ **Why:** _____

Case 2 - Your Prompt: Who is the current president of the United States?

AI Output: The current president is Barack Obama.

Mistake: _____ **Why:** _____

Case 3 - Your Prompt: Tell me about a bat.

AI Output: A bat is used in baseball. Bats are a type of fruit.

Mistake: _____ **Why:** _____

Case 4 - Your Prompt: Summarize Cinderella.

AI Output: She loses her crown at midnight.

Mistake: _____ **Why:** _____

Reflection

1. Which type of mistake do you think happens most often?
2. What's one way people can ask clearer questions to reduce AI errors?
3. How are human mistakes similar or different from AI mistakes?