AI HALLUCINATIONS EXPLAINED
FOR EDUCATORS: WHEN THE MODEL GETS IT WRONG

THE REALITY
(ACCURATE OUTPUT)

THE MODEL PROVIDES FACTUAL, CORRECT INFORMATION BASED ON ITS TRAINING DATA.

EXAMPLE

Q: Who wrote "Hamlet"?
A: William Shakespeare.

This is what we expect and want from AI.

THE HALLUCINATION
(INCORRECT BUT CONFIDENT)

THE MODEL CONFIDENTLY GENERATES PLAUSIBLE-SOUNDING BUT FACTUALLY INCORRECT INFORMATION.

EXAMPLE

Q: Who wrote "Hamlet"?
A: Charles Dickens.

It's a confident guess, not a fact.

WHY IT HAPPENS: THE MODEL IS PREDICTING WORDS, NOT CHECKING FACTS. ALWAYS VERIFY ITS OUTPUTS.