AI Hallucinations — Split, Compare, Label, Say

The Agentic Galaxy • Learning AI with Layla.Rain • Episode 5

Every place, person and answer on this card is invented for practice. The answers are authored examples, not live model output.

The four moves

1. **SPLIT.** Write each claim of the answer on its own line.

2. **COMPARE.** Set each claim beside a source you can open. For a citation ask three questions: does it exist, is it relevant, does it support this claim?

3. **LABEL.** Supported (the source says it). Contradicted (the source says something different, or a complete record shows the item is not there). No evidence here (the source does not speak to it and is not a complete record of it; this is not the same as false).

4. **SAY.** Write one or two short sentences you could safely repeat: what is supported, what is contradicted, what is unknown, and where to look.

TASK 1 · WATCH (worked example)

Answer from an assistant: "The Larkmoor Dance Hall was founded in 1952 by Marta Quillen, reported in the Larkmoor Gazette, March that year."

Source in hand: a Larkmoor Gazette archive result. Every March 1952 issue is held. None has an article about a dance hall.

Claim	Label	Because
Founded in 1952	No evidence here	The archive says nothing about the year.
Founded by Marta Quillen	No evidence here	The archive says nothing about the founder.
Reported in the Larkmoor Gazette, March 1952	Contradicted	Every March 1952 issue is held, and none has the article.

Say: "I could not confirm the founder or the year, and the newspaper citation does not check out. The hall's own records would settle it."

TASK 2 · TRY IT WITH A HINT

Hint: check every claim, and every number word for word.

Source in hand: the hall's own page. "Larkmoor Dance Hall. Founded 1961. Main floor: 140 dancers."

Reply from an assistant that was given the page: "The hall was founded in 1961. Its main floor holds 180 dancers. Deposits are refundable."

Claim	Label	Because
_____	_____	_____
_____	_____	_____
_____	_____	_____

Say: _____

TASK 3 · DO IT ALONE

Source in hand: the Amber Lantern Library's own page. "Opened 1978. Reading room: 120 seats."

Answer from an assistant: "The Amber Lantern Library opened in 1978. Its reading room seats 200. It was designed by the architect Leo Ashgrove."

Split it yourself, with as many rows as you need.

Claim	Label	Because
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Say: _____

AI Hallucinations — Split, Compare, Label, Say

ANSWER KEY (fold or cover it while you work)

Task 2. Founded 1961: Supported (the page says 1961). Main floor 180: Contradicted (the page says 140). Deposits refundable: No evidence here (the page does not mention deposits, and it is not a full list of the hall's terms). Sample Say: "The page supports 1961 and contradicts 180 dancers, which it puts at 140. It says nothing about deposits, so I would ask the hall."

Task 3. Opened 1978: Supported. Reading room seats 200: Contradicted (the page says 120). Architect Leo Ashgrove: No evidence here (the page does not mention the architect, and it is not a full record of the library). Sample Say: "The page supports 1978 and contradicts 200 seats, which it puts at 120. The architect is unknown here, so I would ask the library."

Bonus. Compare Task 1's claim "founded in 1952" with the hall's page in Task 2. New label: Contradicted (the page says 1961).

CHECK YOURSELF

Did every label name a source you actually compared it with? Did you write "no evidence here" instead of "false" when the source was silent? Did your Say sentence tell someone where to look? Did you decide how hard to check before you read the answer?