QUIZ

It's a good idea to do your own research on LLMs because...

Some AI products are just machine learning content repackaged and remarketed with a higher price tag.

There's a lot of marketing hype about new AI products.

All of these

👏 Yes! Given that LLMs are a relatively new technology, that "AI" can refer to a lot of different products and services, and that it's very heavily marketed right now, it's a good idea to empower yourself to make...
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Technological solutions are never silver bullets for complex, multifaceted problems.

Knowledge is power!

Drag the correct word into each blank to complete the sentence.

Generalization is a positive ✓ [feature] of LLMs because it allows them to produce generated, ✓ [original] sentences. Generalization is also a core ✓ [challenge] because the sentences that LLMs produce are ✓ [unverified].

👏 You got it!

Which of the following is NOT a relevant legal consideration when integrating an LLM into existing workflows?

Verifiability

👏 Correct! While this can lead to trouble, untrue information isn't necessarily a legal problem. Untruths about people can lead to libel cases, but general unverified information is not necessarily illegal.
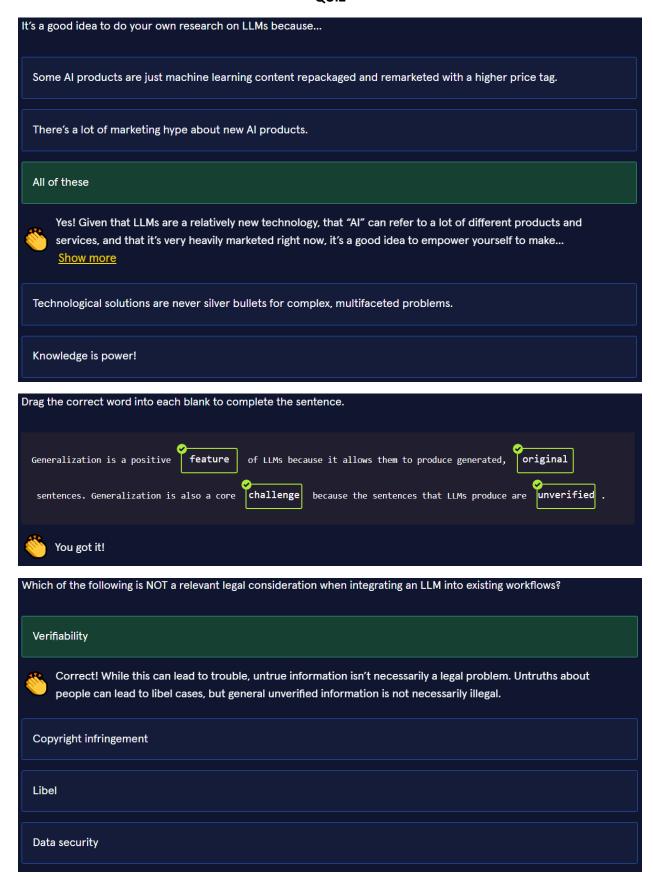
Copyright infringement

Libel

Data security

LLMs are generally trained on which of the following?

private social media posts, subscription content, email newsletters, and webpage content

contemporary fiction, social media posts, newspaper articles, and Wikipedia articles

private or subscription content, Wikipedia articles, e-books, and social media posts

public posts from social media, webpage content, out-of-copyright literature, and Wikipedia articles

👏 That's right! All of these are publicly available sources of text for models to be trained on.

Which of the following aspects of an LLM *produces* the factually inaccurate responses known as hallucinations?

improper RLHF

unverifiability

authority bias

lack of pre-training

generalization

👏 That's it! Generalization is responsible for the synthesis of text into untruths commonly referred to as hallucinations.

LLMs can self-reflect and "understand" the factual and content implications of their answers.

True

False

👏 That's it! LLMs do not know or understand facts. While they can produce sources and may become more accurate with good prompting, LLMs do not read or reflect on the content they produce.

LLMs are good at producing "remixes" or new combinations of content, like writing a news report in the style of the rapper Tupac. This ability to generate content is the result of which model-training process?

generalization

👏 That's it! Generalization is responsible for the synthesis of textual training data into new text that responds to a prompt.

fine-tuning

prompt engineering

reinforcement learning based on human feedback (RLHF)

unverifiability