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Troubleshooting LLMs

Using LLMs can result in various issues, ranging from reliability issues to legal challenges. In this context, a business leader must understand the probable reasons behind each issue.

⊘ Instructions   **100XP**

Categorize the LLM-related issues based on the likely cause of the problem.

💡 Take Hint (-30 XP)

Incorrect

Overrepresentation a particular race, gender or nationality usually signifies that there are biases in the training data.

Did you find this helpful?   ✓ Yes   ✗ No

Drag the items into the correct bucket

Drop items here

Training data issues	Prompting issues	Lack of human oversight
Given a set of symptoms of a patient, the LLM gives a provisional diagnosis that is clearly wrong.	An LLM generates content about apples (the fruit) when asked to write about Apple Inc.	A marketing campaign generated by an LLM used a trademarked expression.
When prompted to write business success stories in the tech world, the LLM only writes about men.		An LLM created a social media post using an unacceptable word describing a mental illness.

↺   **Submit Answer**

Troubleshooting LLMs

Exercise Description

Using LLMs can result in various issues, ranging from reliability issues to legal challenges. In this context, a business leader must understand the probable reasons behind each issue.

Categorize the LLM-related issues based on the likely cause of the problem.

Correct Categorization of LLM Issues

Training Data Issues
- **Given a set of symptoms of a patient, the LLM gives a provisional diagnosis that is clearly wrong.**
- **When prompted to write business success stories in the tech world, the LLM only writes about men.**

Prompting Issues
- **An LLM generates content about apples (the fruit) when asked to write about Apple Inc.**

Lack of Human Oversight
- **A marketing campaign generated by an LLM used a trademarked expression.**
- **An LLM created a social media post using an unacceptable word describing a mental illness.**

Explanation
Issues with LLMs typically stem from three main areas:
- **Training Data Issues**: Biases or inaccuracies in the training data can lead to skewed or incorrect outputs.
- **Prompting Issues**: Poorly structured prompts or ambiguous instructions can confuse the LLM and result in unintended outputs.
- **Lack of Human Oversight**: Without proper supervision, LLM-generated content can include errors, offensive language, or legal violations.