

Started on Monday, 10 February 2025, 6:42 PM

State Finished

Completed on Monday, 10 February 2025, 6:54 PM

Time taken 12 mins 28 secs

Grade 4.00 out of 5.00 (80%)

Question **1**

Correct

Mark 1.00 out of 1.00

Which of the following tasks may require chain of thought prompting using pre-trained LLMs?

- ☐ Text summarization
- ☐ Simple question answering
- ☐ Topic modeling
- ☒ Question answering involving reasoning



Your answer is correct.

The answer **Question answering involving reasoning** is correct because this task inherently demands the model to engage in a more elaborate thought process, making chain-of-thought prompting particularly useful in generating accurate and well-reasoned answers

The correct answer is:

Question answering involving reasoning

Question **2**

Correct

Mark 1.00 out of 1.00

I want the LLM to explain the difference between bars, restaurants, hotels, and motels along with examples of the same from the area near my location. Which of the following might be the underlying process for this task?

- ☐ Zero-shot learning
- ☐ Few-shot learning

- ☐ Few-shot learning
- ☒ Retrieval-Augmented Generation
- ☐ None of the above



Your answer is correct.

The above task involves retrieval as LLM has to figure out nearby examples of each bar, restaurant, hotel, and motel.

The correct answer is:

Retrieval-Augmented Generation

Question **3**

Correct

Mark 1.00 out of
1.00

_____ allows to dynamically select a predefined chain from a set of chains for a given input.

- ☐ LangChain
- ☒ Router Chain
- ☐ Destination Chain
- ☐ Retrieval



Your answer is correct.

Router Chain is the correct option because a router chain is specifically designed to evaluate an input and then select the appropriate predefined chain to follow based on that input. It's used to direct the flow of operations depending on certain criteria, making it suitable for dynamic selection.

The correct answer is:

Router Chain

Question 4

Incorrect

Mark 0.00 out of 1.00

At which of the following positions can Guardrails most commonly be added to an LLM application:

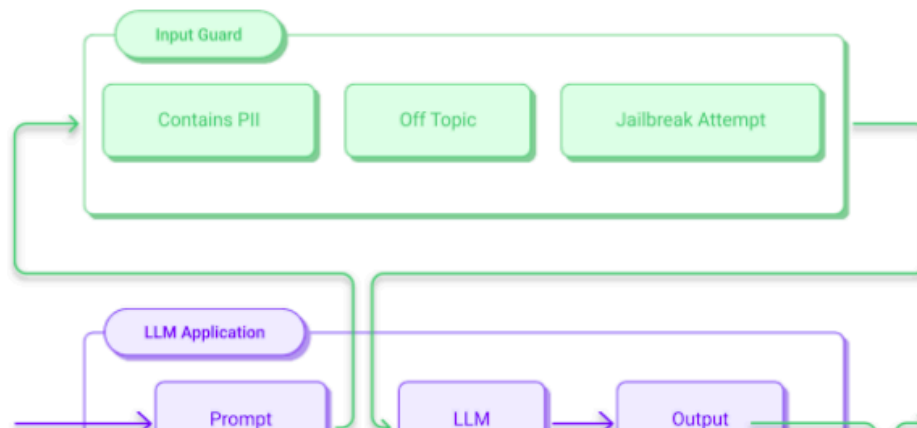


- ☐ 1, 2 and 3
- ☐ 2, 3, and 4
- ☒ 2 and 3
- ☐ 2 and 4

✗

Your answer is incorrect.

With Guardrails





The correct answer is:
2 and 4

Question **5**

Correct

Mark 1.00 out of
1.00

Select the FALSE statement(s):

1. A jailbreak attack is an accidental attempt to bypass security measures that surround an LLM to produce outputs that violate its intended purpose or safety guidelines.
2. An LLM agent exploits the LLM thinking ability and connects the LLM with tools through which it can interact with "the world", and receive results from "the world".
3. In Maximum Marginal Relevance(MMR), after querying the vector store for 'k' most similar responses, the 'k' most diverse responses are chosen.

- ☒ Only 1
- ☐ Only 2
- ☐ Only 3
- ☐ Both 1 and 3



Your answer is correct.

A jailbreak attack (a kind of Prompt injection) is an intentional attempt to bypass security measures that surround an LLM to produce outputs that violate its intended purpose or safety guidelines.

The correct answer is:

Only 1