

Quiz 4 - Enterprise Trends (9/30) Total points 5/5

INSTRUCTIONS:

Each of these quizzes is completion based, however we encourage you to try your best for your own education! These quizzes are a great way to check that you are understanding the course material. You can attempt this quiz as many times as you wish. You only need to complete the quizzes if you wish to earn a completion certificate. More information at the bottom of the course website.

IMPORTANT:

In order to receive credit, use the same email address as the one used to sign up for the course. If you are not sure which email you used, just complete the sign up form again with your preferred email.

PROBLEMS?

If you have any technical difficulties about this quiz, please ask course staff in our LLM Agents Discord.

Email *

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✓ **What are the main technical trends we are observing in Generative AI? *** 1/1

- ☐ Developing smaller, task-specific models optimized for individual applications
- ☐ Focusing solely on improving computational hardware to run larger dense models faster
- ☐ Reducing the size of models to minimize their memory footprint and energy consumption
- ☒ Developing multimodal models that can generalize across millions of tasks ✓



✓ Which of the following is a key success factor for generative AI? * 1/1

- ☐ Relying on a single, one-size-fits-all model for all use cases
- ☒ Investing in a platform that allows for customization of foundation models with your own data ✓
- ☐ Avoiding the use of AI platforms to reduce complexity
- ☐ Limiting model deployment to a single infrastructure provider to ensure consistency

✓ Which of the following is NOT considered a limitation of generative AI? * 1/1

- ☐ LLMs have a hard time producing consistently structured output
- ☐ LLMs often retain outdated information from their training set
- ☐ LLMs can not interact with the world on behalf of a user on their own
- ☒ The cost of API calls to LLMs have become increasingly expensive ✓

✓ What is grounding in the context of generative AI, and why is it important? *1/1

- ☒ Grounding aims to improve the factuality of generative AI outputs by aligning them with real-world knowledge ✓
- ☐ Grounding refers to the process of training models on larger datasets to improve performance
- ☐ Grounding focuses on optimizing model speed and reducing computational costs
- ☐ Grounding involves limiting model flexibility to prevent misuse of AI



✓ **What is function calling, and why is it crucial for the success of generative AI?**

*1/1

- ☐ Function calling refers to limiting the number of tasks a model can perform to improve efficiency
- ☐ Function calling is a technique to reduce the size of the model by disabling certain functions
- ☒ Function calling allows generative AI models to interact with external systems or APIs to perform specific tasks, making the models more practical and useful ✓
- ☐ Function calling enables AI models to generate more creative outputs by randomizing responses

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