



Back

Practice Quiz: Deep Learning and Machine Learning

Practice Assignment • 6 min

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Graded Assignment

Practice Quiz: Deep Learning and Machine Learning

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Assignment details

1. Imagine you're working on an AI project that involves creating new content such as images, music, and language. Which artificial intelligence technology would you be primarily focused on?

1 / 1 point

Submitted

Attempts

Dec 19, 7:10 PM CST

Unlimited

Try again☐ Neural Networks☐ Machine Learning☒ Generative AI**Your grade**

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Correct! Generative AI is the subset of AI that concentrates on producing new data and content, including images, music, language, and more.



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2. What sets deep learning apart from traditional neural networks?

1 / 1 point☐ Linear transformations in data analysis☐ Enhanced cloud computing integration☒ Multiple layers of neural networks☐ Improved computational efficiency☒ Correct

Correct! Deep learning is characterized by its use of multiple layers, enabling complex pattern recognition.

3. In the realm of machine learning, what significant application involves the task of predicting items of interest for users based on their past interactions or behaviors?

0 / 1 point☐ Analyzing retail sales trends for inventory management☐ Identifying fraudulent transactions in real time