

Quiz 1
Graded Quiz • 5 min

Introduction to Machine Learning

Video: What is Artificial Intelligence?
19 min

Video: What is Machine Learning?
9 min

Video: What is Deep Learning?
13 min

Video: Understanding Neural Networks
7 min

Video: Machine Learning Algorithms Explained
24 min

Quiz: Quiz 1
5 questions

QUIZ • 5 MIN

Quiz 1

Submit your assignment

DUE Jul 5, 11:59 PM PDT

Receive grade

TO PASS 80% or higher

CONGRATULATIONS! YOU PASSED!

TO PASS 80% or higher

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You are 68% more likely to complete the course if you finish the assignment

Grade

80%

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We keep your highest score

1 / 1 point

1. What is relationship between Artificial Intelligence (AI), machine learning (ML) and deep learning (DL)?

There is no relationship between AI, ML and DL.

AI > ML > DL

DL > AI > ML

ML > AI > DL

Correct

0 / 1 point

2. A company is using a rules based system to classify the credit card transactions as fraud or not fraud. Do you think this a machine learning solution?

Yes

No

Incorrect

Coursera suggests this material BETA

Was this material helpful? Yes No

What is Machine Learning?
Video • 9 min

1 / 1 point

3. How do you define the term artificial intelligence, machine learning and deep learning in one sentence each?

Artificial Intelligence is the condition when machines show intelligence.
Machine Learning is the field in which algorithms learn by the experiences.
Deep learning is a subset of machine learning which is based on ANNs

Correct

Good job! There is no right or wrong answer here.

1 / 1 point

4. A security and transportation analysis company wants to use their client's internal employee images to classify whether to let the employees through the security gate into their client offices. What machine learning algorithm should they use to create this machine learning model?

Long Short Term Memory Network (LSTM)

Recurrent Neural Network (RNN)

Convolutional Neural Network (CNN)

Feed-forward Neural Network

Correct

1 / 1 point

5. What were the main factors in massive adoption of deep learning in the recent decade? Select two answers.

Faster and more efficient compute (GPUs)

More data

Public Cloud offerings

Machine learning education and number of data scientists

Correct

1 of 1

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