

Introduction to Machine Learning

✓

Video: What is Artificial Intelligence?

19 min

✓

Reading: Pre-Course Survey

2 min

✓

Pre-Course Survey

15 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

✓

Congratulations! You passed!

QUIZ 15 MIN

TO PASS 80% or higher

Keep Learning

GRADE  
100%

Quiz 1

LATEST SUBMISSION GRADE  
100%

Submit your assignment

Try again

DUE DATE Jun 14, 12:29 PM IST

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

1 / 1 point

There is no relationship between AI, ML and DL

✓ Receive grade

AI > ML > DL

DL > AI > ML

ML > AI > DL

TO PASS 80% or higher

Grade  
100%

View Feedback

We keep your highest score

✓ Correct

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

1 / 1 point

Yes

No

✓ Correct

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

1 / 1 point

AI is defined as a branch that we can use to create an impact in your business by automating repetitive and manual tasks, engaging customers and optimising product quality.

Machine Learning is the process of teaching a computer system how to make accurate predictions when fed data

Deep Learning is a machine learning technique that teaches a computer to filter inputs through layers to learn how to predict and classify the information. Observations can be in the form of images, text.

✓ Correct

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

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?

1 / 1 point

Long Short Term Memory Network (LSTM)

Recurrent Neuran Network (RNN)

Convolutional Neural Network (CNN)

Feed-forward Neural Network

✓ Correct

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

1 / 1 point

✓ Faster and more efficient compute (GPUs)

✓ Correct

✓ More data

✓ Correct

Public Cloud offerings

Machine learning education and number of data scientists