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Module Quiz

Graded Quiz 6 min

Due Jun 29, 12:29 PM IST

Introduction to Launching into ML

Introduction to Practical ML

Supervised Learning

ML History

✓

Video: Short History of ML: Linear Regression

7 min

✓

Video: Short History of ML: Perceptron

5 min

✓

Video: Short History of ML: Neural Networks

7 min

✓

Video: Short History of ML: Decision Trees

5 min

✓

Video: Short History of ML: Kernel Methods

4 min

✓

Video: Short History of ML: Random Forests

4 min

✓

Video: Short History of ML: Modern Neural Network

8 min

✓

Discussion Prompt: Modern Neural Network

5 min

Module Quiz

Introduction to Optimization

Defining ML Models

Introducing Loss Functions

Gradient Descent

TensorFlow Playground

Performance Metrics

Module Quiz

Introduction to Generalization and Sampling

Generalization

Sampling

Demo of Splitting Datasets in BigQuery

Lab: Creating Repeatable Dataset Splits

Lab: Exploring and Creating ML Datasets

Module Quiz

Summary

QUIZ • 6 MIN

Module Quiz

✓

Submit your assignment

DUE

Jun 29, 12:29 PM IST

ATTEMPTS

3 every 8 hours

Try again

✓

Receive grade

TO PASS

66% or higher

Grade

100%

View Feedback

We keep your highest score

👍

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Module Quiz

TOTAL POINTS 3

1.

What is the key difference between supervised and unsupervised mode

1 point

☐

Unsupervised models need fewer data points for accurate modelling as compared to supervised lea

☒

Supervised models learn to predict based on known labels whereas unsupervised models are more concerned discovering patterns in the dataset

☐

Unsupervised learning requires even more labeled training data since the model is less controlled during tr

☐

Supervised models are better for prediction than unsupervised because the label is kn

2.

True or False - a decision tree is always a good model to pick because it is to visually appealing to business us

1 point

☐

True

☒

False

3.

Select the model you would try first if you had labeled, non-continuous value d:

1 point

☐

Linear Regression

☒

Classification

☐

Neither

☐

Either one

☒

I, **Viren Shashikant Baria**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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