

**Microsoft: DAT203x Data Science and Machine Learning Essentials**

- ▶ Before You Start
- ▶ Module 1: Introduction and Data Science Theory
- ▶ Module 2: Working with Data
- ▼ **Module 3: Visualization, and Building and Evaluating Models**

Chapter 13: Data Exploration and Visualization

Lab 3A: Exploring and Visualizing Data


Chapter 14: Building Models in Azure ML

Lab 3B: Building Models in Azure ML

Chapter 15: Model Evaluation, Comparison, and Selection

Lab 3C: Evaluating Models in Azure ML

Module 3 Review

Homework due Oct 30, 2015 at 00:00 UTC 

- ▶ Module 4: Regression,

QUESTION 3 (1/1 point)

You are training a supervised machine learning model. You want to ensure that when training, testing, and validating the dataset you do not introduce any unintentional bias.

Into how many subsets should you split the data set?

☐ One

☐ Two

☒ Three 

☐ Ten

EXPLANATION

You should split the data set into three independently selected non-overlapping subsets to ensure that the data used to train, test, and validate the machine learning model are independent, preventing unintentional bias.

You have used 1 of 2 submissions

Classification,
and
Unsupervised
Learning

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