edX

Microsoft: DAT203x Data Science and Machine Learning Essentials

QUESTION 11 (1 point possible)

You create an experiment to train, score, and evaluate a regression model. You must ensure that the training, testing, and evaluation of the mode is unbiased, with no inter-dependency on the data.

What should you do?

○ Train, score, and evaluate the model with the same data.

◉ Split the data into two non-overlapping subsets. Then train the model with the first subset, and score and evaluate the model with the second subset. ✖

○ Split the data into two non-overlapping subsets, and train the model with the first subset. Then join the first and second subsets and use the joined dataset to score and evaluate the model.

○ Split the data into three non-overlapping subsets. Then train the model with the first subset, score the model with the second subset, and evaluate the model with the third subset.

You have used 1 of 1 submissions

Classification,
and
Unsupervised
Learning

▸ Module 5:
Recommenders
and Publishing
Your Work

▸ **Final Exam**