Congratulations! You passed!

Next Item

1 / 1 points

1.
Select the option that correctly completes the sentence:

Training a model using labeled data and using this model to predict the labels for new data is known as _____.

1 / 1 points

2.
Select the option that correctly completes the sentence:

Modeling the features of an unlabeled dataset to find hidden structure is known as _____.

1 / 1 points

3.
Select the option that correctly completes the sentence:

Training a model using categorically labelled data to predict labels for new data is known as _____.

Module 1 Quiz

1 / 1 points

10/10 points (100%)

Quiz, 10 questions

4.

Select the option that correctly completes the sentence:

Training a model using labelled data where the labels are continuous quantities to predict labels for new data is known as _____.

Module 1 Quiz

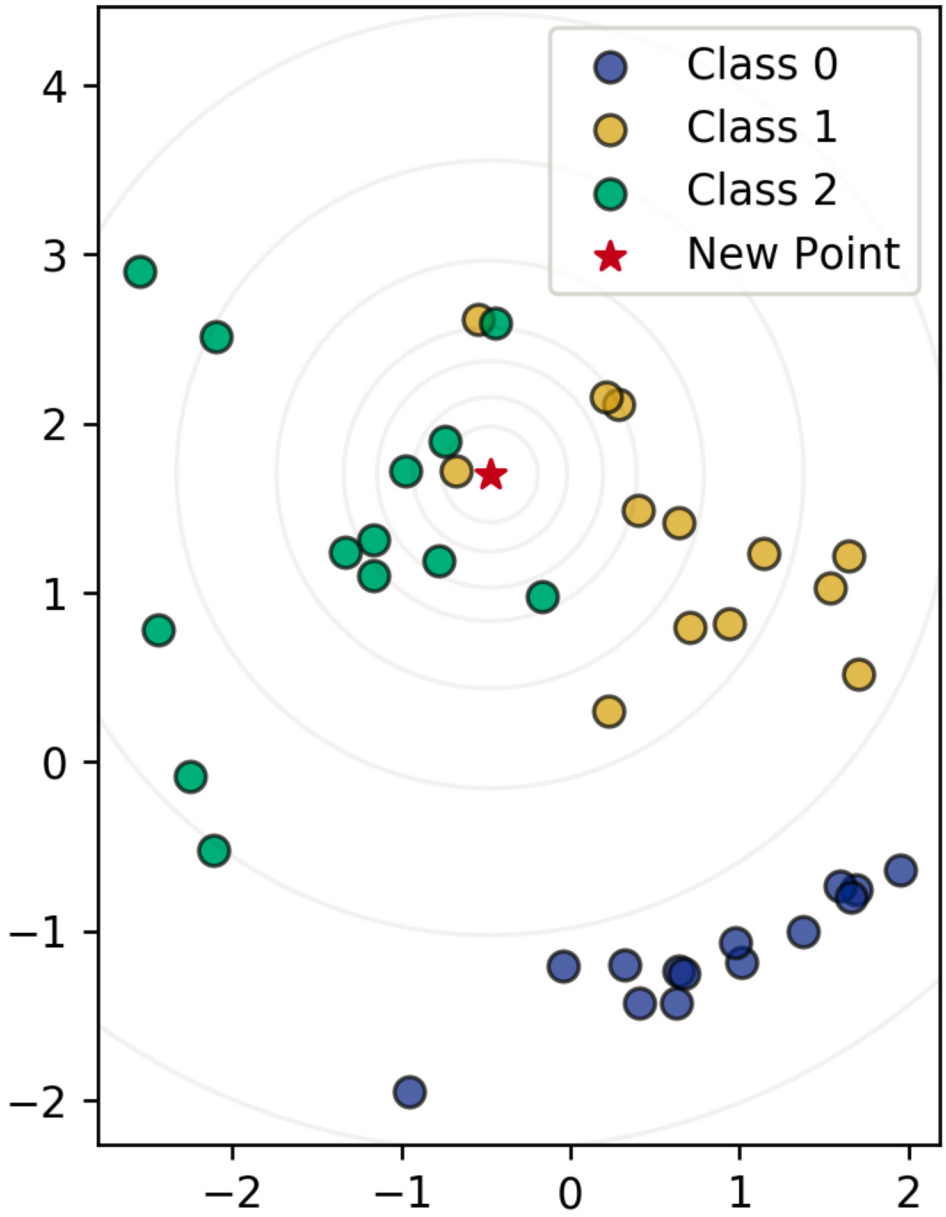
1 / 1 points

10/10 points (100%)

Quiz, 10 questions

5.

Using the data for classes 0, 1, and 2 plotted below, what class would a KNeighborsClassifier classify the new point as for k = 1 and k = 3?



Module 1 Quiz

Quiz, 10 questions

10/10 points (100%)

1 / 1 points

6.
Which of the following is true for the nearest neighbor classifier (Select all that apply):

1 / 1 points

7.
Why is it important to examine your dataset as a first step in applying machine learning? (Select all that apply):

1 / 1 points

8.
The key purpose of splitting the dataset into training and test sets is:

1 / 1 points

9.
The purpose of setting the random_state parameter in train_test_split is: (Select all that apply)

1 / 1 points

10.
Given a dataset with 10,000 observations and 50 features plus one label, what would be the dimensions of X_train, y_train, X_test, and y_test? Assume a train/test split of 75%/25%.

Module 1 Quiz

10/10 points (100%)

Quiz, 10 questions