

## Module 3 Quiz

Quiz, 7 questions

1  
point

1.

You are given a dataset on movie reviews with a 1,000 labeled reviews. The labels are one of five movie genres: Action, Comedy, Drama, Horror, and Sci-Fi. The dataset has roughly 200 movie reviews for each movie genre.

**Your first task** is to learn a supervised classifier to identify just the reviews for Comedy movies from the dataset. Such a task is:

- ☐ Single-class classification
  - ☐ Two-class (Binary) classification
  - ☐ Multi-class classification
  - ☐ Multi-label classification
- 

1  
point

2.

The dataset available for the first task is:

- ☐ Balanced
  - ☐ Insufficient
  - ☐ Skewed
  - ☐ Unlabeled
- 

1  
point

3.

Suppose you decide to train a support vector machine classifier for this first task. The methodology you will employ will be:

## Module 3 Quiz:

Quiz, 7 questions

- ☐ A. One vs One classifier
  - ☐ B. One vs Rest classifier
  - ☐ C. Single binary classifier
  - ☐ Either A or B
  - ☐ Classifier cannot be trained
- 

1  
point

4.

You are given a dataset on movie reviews with a 1,000 labeled reviews. The labels are one of five movie genres: Action, Comedy, Drama, Horror, and Sci-Fi. The dataset has roughly 200 movie reviews for each movie genre.

**Your second task** is to learn to identify all five movie genres. Such a task is:

- ☐ Single-class classification
  - ☐ Two-class (Binary) classification
  - ☐ Multi-class classification
  - ☐ Multi-label classification
- 

1  
point

5.

The dataset available for the second task is:

- ☐ Balanced
  - ☐ Insufficient
  - ☐ Skewed
  - ☐ Unbalanced
-

## Module 3 Quiz

Quiz, 7 questions

6.

Suppose you decide to train a support vector machine classifier for the second task. The methodology you will employ will be a:

- ☐ A. One vs One classifier
- ☐ B. One vs Rest classifier
- ☐ C. Single five-class classifier
- ☐ D. Either A or B
- ☐ E. Classifier cannot be trained

1  
point

7.

How many binary classifiers will you need to train for the second task using the one-vs-one classification approach?

- ☐ 1
- ☐ 5
- ☐ 10
- ☐ 25

☐

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

[Learn more about Coursera's Honor Code](#)

Submit Quiz



## Module 3 Quiz

Quiz, 7 questions