Module 3 Quiz

Quiz, 7 questions

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

2.

The dataset available for the first task is:

○ Balanced

○ Insufficient

● Skewed

○ Unlabeled

Module 3 Quiz

1 point

3.

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

- ( ) 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

| 1 |
| point |

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

- ◉ Either A or B

- ◯ 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

Module 3 Quiz

Quiz, 7 questions

☑ I, **Varun Varun**, 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