QUIZ • 14 MIN

Module 3 Quiz

Review Key Concepts

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Module 3 Quiz

TOTAL POINTS 7

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. (1 point)

   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: (1 point)

   - ( ) Balanced
   - ( ) Insufficient
   - (•) Skewed
   - ( ) Unlabeled

3. Suppose you decide to train a support vector machine classifier for this first task. The methodology you will employ will be a: (1 point)

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

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. (1 point)

   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

5. The dataset available for the second task is: (1 point)

   - (•) Balanced
   - ( ) Insufficient
   - ( ) Skewed
   - ( ) Unbalanced

6. Suppose you decide to train a support vector machine classifier for the second task. The methodology you will employ will be a: (1 point)

   - ( ) A. One vs One classifier
   - ( ) B. One vs Rest classifier
   - ( ) C. Single five-class classifier
   - (•) Either A or B
   - ( ) Classifier cannot be trained

7. How many binary classifiers will you need to train for the second task using the one-vs-rest classification approach? (1 point)

   - ( ) 1
   - ( ) 5
   - (•) 10
   - ( ) 25

[x] I, **Vaibhav Sharma**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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