Assignment 12

The deadline for submitting this assignment is passed.

As per our records you have not submitted this assignment.

1. Which clustering algorithm works well when the shape of the clusters is hyper-spherical? [1 point]
   - K-means
   - Agglomerative hierarchical clustering
   - DBSCAN hierarchical clustering
   - All of the above
   - No, the answer is incorrect. Score: 0

2. What is the concept of core points in DBSCAN? [1 point]
   - Min samples and core samples respectively
   - Minimum and maximum samples respectively
   - Minimum and maximum radius respectively
   - All of the above
   - No, the answer is incorrect. Score: 0

3. Affinity option in the python is used for – [1 point]
   - Selecting the linkage option
   - Selecting the distance option
   - Selecting a particular method option
   - Selecting the number of clusters
   - No, the answer is incorrect. Score: 0

4. In a decision tree, an internal node represents – [1 point]
   - A leaf on an attribute
   - An attribute in the test
   - A tree sample population
   - A holds a class label
   - No, the answer is incorrect. Score: 0

5. Which attribute selection measure is used by the CART model? [1 point]
   - Information Gain
   - Gain ratio
   - Gini index
   - All of the above
   - No, the answer is incorrect. Score: 0

6. Which attribute selection measure is used by the ID3 algorithm? [1 point]
   - Information Gain
   - Gain ratio
   - Gini index
   - All of the above
   - No, the answer is incorrect. Score: 0

7. Which algorithm is used to build the decision tree model? [1 point]
   - DecisionTreeClassifier
   - DecisionTreeRegressor
   - DecisionTreeClassifier
   - DecisionTreeRegressor
   - No, the answer is incorrect. Score: 0

Due on 2020-04-22, 23:59 IST.