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| --- | --- | --- | --- | --- | --- | --- |
| 1 | |  | | --- | | \_\_\_\_\_Is the process of giving labels to the unlabeled data | | 1. Association | | 1. Classification | | 1. Prediction | | 1. Testing | |
| 2 | |  | | --- | | \_\_\_\_\_\_\_is the 1st step of classification | | 1. Transformation | | 1. Learning | | 1. Training | | 1. Testing | |
| 3 | |  | | --- | | Tree pruning methods address the problem of \_\_\_\_\_\_\_data | | 1. outlier | | 1. meta data | | 1. decision tree | | 1. Over fitting | |
| 4 | |  | | --- | | Classification can be applicable mainly for \_\_\_\_\_\_\_attributes | | 1. cardinal | | 1. Nominal | | 1. arbitrary | | 1. array | |
| 5 | |  | | --- | | \_\_\_\_\_\_\_distance is used in k-means algorithm | | 1. Manhattan distance | | 1. Euclidian distance | | 1. Hamming distance | | 1. Cosine distance | |
| 6 | SVM stands for\_\_\_\_\_\_\_\_\_ |
| 7 | \_\_\_\_\_is a recommended method for accuracy estimation. |
| 8 | Hunt's classification algorithm is associated with\_\_\_\_\_\_\_\_\_\_ |
| 9 | \_\_\_\_\_\_\_\_\_uses a set of IF-THEN rules for classification. |
| 10 | A tree structure called a \_\_\_\_\_\_\_\_\_is commonly used to represent the process of hierarchical clustering |

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| 1 | |  | | --- | | Which of the following statement is true about the classification? | | 1. It is a subdivision of a set | | 1. It is the task of assigning a classification | | 1. it is backtracking | | 1. It is a measure of accuracy | |
| 2 | |  | | --- | | Which of the following can be considered as the classification or mapping of a set or class with some predefined group or classes? | | 1. Data Discrimination | | 1. Data set | | 1. Data Characterization | | 1. Data Sub Structure | |
| 3 | |  | | --- | | Suppose one wants to predict the number of newborns according to the size of storks' population by performing supervised learning | | 1. Classification | | 1. Machine Learning | | 1. Structural equation modeling | | 1. Regression | |
| 4 | |  | | --- | | What is the application of the Naïve Bayes Algorithm? | | 1. To estimate the probability of a class value in prediction and classification | | 1. Not to generate a mining model | | 1. Evaluate the size of dataset | | 1. Perform data pre-processing | |
| 5 | |  | | --- | | A tree structure called a \_\_\_\_\_\_\_\_\_is commonly used to represent the  process of hierarchical clustering | | 1. Decision Tree | | 1. B+ tree | | 1. Dendrogram | | 1. Cuboid | |
| 6 | \_\_\_\_\_is a neural network algorithm for classification that employs a method of gradient descent |
| 7 | \_\_\_\_is a recommended method for accuracy estimation. |
| 8 | \_\_\_\_\_ is a generalization of the binary variable in that it can take on more than 2 state. |
| 9 | Binary classification refers to those classification tasks that have \_\_\_\_\_\_ labels. |
| 10 | Outlier detection and analysis in data mining task can be referred to as\_\_\_\_\_ \_\_\_\_\_ |

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