

MACHINE LEARNING

1. Movie Recommendation systems are an example of:

Ans:- b) 1 and 2

2. Sentiment Analysis is an example of:

Ans:- b) 1 and 2

3. Can decision trees be used for performing clustering?

Ans:- a) True

4. Which of the following is the most appropriate strategy for data cleaning before performing clustering analysis, given less than desirable number of data points:

Ans:- b) 2 only

5. What is the minimum no. of variables/ features required to perform clustering?

Ans:- b) 1

6. For two runs of K-Mean clustering is it expected to get same clustering results?

Ans:- a) Yes

7. Is it possible that Assignment of observations to clusters does not change between successive iterations in K-Means?

Ans:- b) No

8. Which of the following can act as possible termination conditions in K-Means?

Ans:- a) 1, 3 and 4

9. Which of the following algorithms is most sensitive to outliers?

Ans:- a) K-means clustering algorithm

10. How can Clustering (Unsupervised Learning) be used to improve the accuracy of Linear Regression model (Supervised Learning):

Ans:- a) 1 only

11. What could be the possible reason(s) for producing two different dendrograms using agglomerative clustering algorithms for the same dataset?