

MACHINE LEARNING-Assignment2

- 1) 2 Only-a
- 2) 1, 2 and 4-d
- 3) True-a
- 4) 1 only-a
- 5) 1-b
- 6) No-b
- 7) Yes-a
- 8) All of the above-d
- 9) K-means clustering algorithm-a
- 10) All of the above-d
- 11) All of the above-d
- 12) Yes, it is sensitive to outliers. K-means be quite sensitive to outliers in dataset, it does sum of squares therefore a large deviation occurs
- 13) Because it is faster, simple to implement, works with large datasets
- 14) K-means is non deterministic algorithm. It is due to random selection. And running the algorithm several times