

MACHINE LEARNING WORKSHEET-2

1. d) 2 and 3
2. 1, 2 and 4
3. a) True
4. a) 1 only
5. b) 1
6. b) No
7. a) Yes
8. d) All of the above
9. a) K-means clustering algorithm
10. a) 1 only
11. d) All of the above
12. k-Mean clustering is highly sensitive to the Outliers.
13. Guarantees convergence. Can warm-start the positions of centroids. Easily adapts to new examples.
Generalizes to clusters of different shapes and sizes, such as elliptical clusters.
14. The basic k-means clustering is based on a non-deterministic algorithm