MACHINE LEARNING

Answers

1. (b) 1 and 2
2. (c) 1 and 3
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. (d) all of the above
11. (d) all of the above
12. The K-means clustering algorithm is sensitive to outliers, because a mean is easily influenced by extreme values.
13. K-means is one of the most robust methods, especially for image segmentation and image annotation projects.
14. K-means is not deterministic algorithm, due to its random selection of data points as initial centroids.