

**Worksheet 3 - Machine Learning**  
**Solutions**

1. D) All of the above
2. D) None
3. C) Reinforcement learning and Unsupervised learning
4. D) All of the above
5. D) None
6. C) k-nearest neighbour is same as k-means
7. D) 1, 2 and 3
8. A) 1 only
9. A) 2
10. B) Given a database of information about your users, automatically group them into different market segments..
11. A)
12. B)
13. Clustering is the technique to group individual data-points based on the similar traits, clustering is important because it helps business formulate strategy and take decisions based on the groups of data-points
14. Clustering performance can be improved by modifying the initialization technique and re-iterating the model