MACHINE LEARNING

1. A
2. D
3. A
4. A
5. B
6. A
7. C
8. –
9. A
10. D
11. D
12. The k means algorithm updates the cluster centres by taking the average of all the data points that are closer to each cluster centre. When all the points are packed nicely together the average make sense. However, when you have outliers, this can effect the average calculation of the whole cluster. As a result this will push your cluster centre closer to the outliers.
13. It is simply, highly, flexible, and efficient. The simplicity of k-means makes it easy to explain the results in contrast to neural networks. The flexibility of k -means allows for easy adjustment if there are problems the efficiency of k means implies that the algorithm is good at something a dataset.
14. K-means is its non- deterministic nature.k means starts with a random set of data points as initial centroids.

SQL WORKSHEET

1. D
2. C
3. A
4. D
5. B
6. D
7. A
8. C
9. B
10. D
11. –
12. –
13. A
14. B,C
15. –

STATISTICS WORKSHEET

1. C
2. C

3. –
4. C
5. B
6. B
7. C
8. B
9. D
10. A
11. C
12. B
13. C
14. A
15. D