MACHINE LEARNING

Q1. d

Q2.d

Q3. a

Q4. a

Q5. b

Q6. b

Q7. a

Q8. d

Q9. a

Q10. d

Q11. d

Q12. Is K sensitive to outliers?

Ans: Yes, the K-means clustering algorithm is sensitive to outliers, because a mean is easily influenced by extreme values. In other words, we can say, K-means algorithm is about finding mean of clusters, the algorithm is influenced by outliers.

Q13. Why is k-means better?

Ans: The algorithm clusters into K groups and here K is the input parameter. In this procedure, dataset is classified through a certain number of clusters, commonly known as K clusters and the main idea is to define K centres, one for each cluster.

Q14. Is K means a deterministic algorithm?

Ans: No, the basic K-means clustering is based on a non-deterministic algorithm. This means that running the algorithm several times on the same data, could give different results. However, results, FCS Express performs K-means clustering using a deterministic method.

WORKSHEET 2 SQL:

Q1. d

Q2. d

Q3. a

Q4. a

Q5. b

Q6. c

Q7. a

Q8. c

Q9. a

Q10. d

Q11. b

Q12. c

Q13. a

Q14. b, c

Q15. b

STATISTICS WORKSHEET-2

Q1. c

Q2. c

Q3.d

Q4.c

Q5.c

Q6.b

Q7.a

Q8.a

Q9.d

Q10.a

Q11.c

Q12.d

Q13.d

Q14.a

Q15.d