Machine learning assignment-2 answers

Q1. Option A

Q2. Option D

Q3. Option A

Q4. Option A

Q5. Option B

Q6. Option B

Q7. Option A

Q8. Option D

Q9. Option A

Q10. Option A

Q11. Option D

Q12. Option D

Q13. Is K sensitive to outliers?

Ans: - K-means clustering algorithm is sensitive to outliers because a mean is easily influenced by extreme values.

Q14. Why is K means better?

Ans:- Other clustering algorithms with better features tend to be more expensive. In this case, k-means becomes a great solution for pre-clustering, reducing the space into disjoint smaller sub-spaces where other clustering algorithms can be applied.

Q15. Is K means a deterministic algorithm?

Ans:- 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.

SQL worksheet 2 answers

Q1. Option D

Q2. Option A

Q3. Option A

Q4. Option A

Q5. Option D

Q6. Option C

Q7. Option A

Q8. Option B

Q9. Option D

Q10. Option B

Q11. Option A

Q12. Option C

Q13. Option A

Q14. Option B and C

Q15. Option A,B and D

Statistics worksheet 2 answers

Q1. Option C

Q2. Option C

Q3. Option D

Q4. Option C

Q5. Option B

Q6. Option B

Q7. Option A

Q8. Option A

Q9. Option D

Q10. Option A

Q11. Option C

Q12. Option D

Q13. Option C

Q14. Option A

Q15. Option D