**MACHINE LEARNING ASSIGNMENT:**

1.a

2.d

3.a

4.a

5.b

6.a

7.a

8.d

9.a

10.d

11.d

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

13.K-Means is better because it guarantees convergence, can warm-start the positions of centroids, easily adapts to new examples, generalizes to clusters of different shapes and sizes, such as elliptical clusters.

14.One of the significant drawbacks of K-Means is its non-deterministic nature. K-Means starts with a random set of data points as initial centroids. This random selection influences the quality of the resulting clusters. Besides, each run of the algorithm for the same dataset may yield a different output.

**SQL ASSIGNMENT:**

1.d

2.c

3.a

4.a

5.d

6.b

7.a

8.d

9.b

10.b

11.b

12.c

13.a

14.b,c

15.a,b

**STATISTICS ASSIGNMENT:**

1.b

2.c

3.d

4.c

5.b

6.b

7.a

8.b

9.d

10.a

11.c

12.d

13.d

14.a

15.d