MACHINE LEARNING

1] a) 2 Only

2] d) 1, 2 and 4

3] a) True

4] a) 1 only

5] b) 1

6] b) No

7] a) Yes

8] d) All of the above

9] a) K-means clustering algorithm

10] d) All of the above

11] d) All of the above

12] The K-means clustering algorithm is sensitive to outliers, because a mean is easily influenced by extreme values. K-medoids clustering is a variant of K-means that is more robust to noises and outliers.

13] 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] No K means is not a deterministic algorithm.

SQL

1] D) Unique

2] D) None of them

3] A) Each entry in the primary key uniquely identifies each entry or row in the table

4] A) There should not be any duplicate entries

5] B) Foreign Key

6] A) 0

7] D) many to many

8] C) one to one

9] D) None of them

10] A) 0

11] B) many to one

12] C) Table

13] A) Insert in to

14] B) Unique & C) Primary Key

15] A), C) & D)

STATISTICS

1] B) mean

2] C) 12

3] A) An approximate indicator of how number vary from the mean

4] A) Exhaustive

5] C) Analyzing and interpreting a set of data

6] B) Data set

7] A) 2 or more

8] B) Scatterplot

9] D) Analysis of variance

10] A) Z-score

11] C) mean

12] D) 400005.2

13] D) Mean

14] A) Descriptive and inferences

15] D) H-L