Statistics worksheet -2

Q1 answer : C)both

Q2 answer : C)12

Q3 answer : D)All of the above

Q4 answer : B)Mutually exclusive

Q5 answer : B) Summarizing and explaining a specific set of data

Q6 answer : B) Data set

Q7 answer : B) 2

Q8 answer : B) Scatterplot

Q9 answer : A) analysis

Q10 answer : A) Z-score

Q11 answer : A) Mean

Q12 answer : D) 400005.2

Q13 answer : A) Mean

Q14 answer : A) Descriptive and inferences

Q15 answer : D) H-L

Worksheet 2 SQL

Q1 answer : D) Unique

Q2 answer : C) Null

Q3 answer : A) Each entry in the primary key uniquely identifies each entry or row in the table

Q4 answer : D) All of the above

Q5 answer : B) Foreign key

Q6 answer : C)2

Q7 answer : A)one to many

Q8 answer : D)many to many

Q9 answer : A)delivery id

Q10 answer : C) 3

Q 11 answer : D)many to many

Q12 answer : C) Table

Q13 answer : A) Insert in to

Q14 answer : B)Unique C)Primary key

Q15 answer : A) A blood group can contain one of the following values - A, B, AB and O.

Machine Learning

Q1 answer : A) 2 Only

Q2 answer : D)1,2 and 4

Q3 answer : A) True

Q4 answer : A) 1 only

Q5 answer : B) 1

Q6 answer : B) No

Q7 answer : A) Yes

Q8 answer :D) All of the above

Q9 answer : A) K-means clustering algorithm

Q10 answer : D) All of the above

Q11 answer : D) All of the above

Q12 answer : K-Means clustering algorithm fails to give good results when the data contains outliers, the density spread of data points across the data space is different and the data points follow non-convex shapes.

Q13 answer: K-means clustering algorithm computes the centroids and iterates until we it finds optimal centroid. It assumes that the number of clusters are already known. It is also called flat clustering algorithm. The number of clusters identified from data by algorithm is represented by 'K' in K-means.

Q14 answer : Hierarchical Agglomerative Clustering is deterministic except for tied distances when not using single-linkage. DBSCAN is deterministic, except for permutation of the data set in rare cases. k-means is deterministic except for initialization. You can initialize with the first k objects, then it is deterministic, too.