STATISTICS

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Batch no.-1837

Ans 1- (A) TRUE

Ans 2- (A)

Ans 3- (B)

Ans 4- (D)

Ans 5- (C)

Ans 6- (B)

Ans 7- (B)

Ans 8- (A)

Ans 9- (C)

Ans 10- Normal distribution, also known as the Gaussian distribution, is a probability distribution that is symmetric about the mean, showing that data near the mean are more frequent in occurrence than data far from the mean. In graph form, normal distribution will appear as a bell curve.

Ans 11- The real-world data often has a lot of missing values. The cause of missing values can be data corruption or failure to record data. The handling of missing data is very important during the preprocessing of the dataset as many machine learning algorithms do not support missing values.

Ans 12- A/b testing also known as split testing, refers to a randomized experimentation process wherein two or more versions of a variable (web page, page element, etc.) are shown to different segments of website visitors at the same time to determine which version leaves the maximum impact and drive business metrics.

Ans 14- Linear regression is a linear approach for modelling the relationship between a scalar response and one or more explanatory variables.

Ans 15-There are three real branches of statistics: data collection, descriptive statistics and inferential statistics.