

- 1) A
- 2) A
- 3) D
- 4) D
- 5) C
- 6) B
- 7) B
- 8) A
- 9) C

10) Normal distribution is continuous in nature(eg- age,marks,salary).In this the mean,median and mode all line up such that the center of the distribution is mean.(Mean = Median = Mode)

11) There are many ways to deal with missing data. First we need to check the missing data is categorical or numerical. First we need to detect the percentage of missing values in every column of the dataset will give an idea about the distribution of missing values.

Imputation technique replaces missing values with substituted values. The missing values can be imputed in many ways depending upon the nature of the data and its problem. Imputation using statistics will replace the missing values by mean or median or mode.

12) A/B testing is split testing where we split our data will train one part and fit the model on the other one we predict.

13) No, Mean imputation ignores feature correlation.

14) Linear regression used to predict one variable (dependent variable) based on values of another variable(independent variable).

15) Mainly there are 2 branches of statistics Inferential and descriptive