

1. a). True
2. a). Central Limit Theorem
3. a). Modeling event/time data
4. c). The square of a standard normal random variable follows what is called chi-squared distribution
5. c). Poisson
6. a). True
7. b). Hypothesis
8. a). 0
9. c). Outliers cannot conform to the regression relationship
10. Normal Distribution : Normal Distribution is very simple and commonly used distribution. Normal distribution is also referred as a bell shaped curve. In normal distribution, 68% of the data lies between 0 to 1 standard deviation. 95% of the data lies in between 0 to 2 standard deviation and 99.7% of the data lies in between 0 to 3 standard data. In normal Distribution both Mean and Median are equal.
11. In Statistics Missing data can be replaced with the Mean of that Data.
- 12.
- 13.
14. Linear Regression is mostly used to find the relation between two variables. Scatter Plot and correlation methods are majorly used in Linear Regression.
15. The Various branches of the Statistics are:
  1. Theoretical statistics
  2. Statistical Methods
  3. Descriptive Statistics
  4. Inferential Statistics.