

1. b) Total Variation = Residual Variation + Regression Variation
2. c) binomial
3. a) 2
4. a) Type-I error
5. c) Level of confidence
6. b) Increase
7. b) Hypothesis
8. d) All of the mentioned
9. a) 0
10. Bayes Theorem is a statistical concept that predicts the probability of an event based on prior knowledge of the conditions surrounding or relating to the event.
11. Z-score is the measure of the relationship between a value and the mean of a group of values of which the particular value is a part.
12. T-test is a statistical test used to compare the means of two groups
13. ANOVA is a way of comparing three groups(an analysis of variance)
14. Anova can help by providing an additional comparison.