

1. A
2. C
3. A
4. A
5. C
6. B
7. B
8. D
9. A
10. Bayes theorem describe the probability of an event based on prior knowledge and condition that might be related to the event.
11. When z-score is positive, the x-value is greater than the mean When z-score is negative, the x-value is less than the mean When z-score is equal to 0, the x-value is equal to the mean. $Z > 3$ is used to remove the outliers.
12. T-test can be used when comparing the two groups whether independent or dependent.
13. Percentile is how much we achieved for out of 100 percentile.
14. ANOVA means Analysis of Variance analysing more than two or more variables.
15. ANOVA can help to identify the sources of variation in a data set.