

STATISTICS WORKSHEET-1

1. a) True
 2. a) Central Limit Theorem
 3. b) Modeling bounded count data
 4. d) All of the mentioned
 5. c) Poisson
 6. b) False
 7. b) Hypothesis
 8. a) 0
 9. c) Outliers cannot conform to the regression relationship
10. normal distribution is the most common method to show continuous random variables in a symmetric curve where its mean(average) , median(midpoint) and mode(most frequent value) are equal to each other
- 11.
- I handle missing data by : 1.deleting rows with missing values
2. impute missing values for continuous data by finding mean and mode for categorical
- And I recommend the second imputation
12. A/B testing is a method to compare two versions of a webpage or mobile app or emails or pop-up, generally, it is a marketing tool that uses statistical analysis to prefer between two variables
13. imputation of missing data is NOT acceptable practice because it will not help in find the relationship with strong parameter estimates
14. linear regression in statistics is a predictive analysis where independent variables are predicting the dependent variable
15. various branches of statistics are:
1. descriptive statistics that uses graphs tables and summaries to describe data
 2. inferential statistics that describes the meaning f descriptive statistics depending on random Variations like sample variations or error to jump to a final conclusion to make a decision