

STATISTICS WORKSHEET-1

MCQs

1. a) True
2. a) Central Limit Theorem
3. b) Modelling 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

brief answer

10. Normal distribution

-> Normal distribution is a bell curve occurs naturally in many situations which is equally distribute both right and left side, Where the centre is called as mean which is a bulk of data with average .

11. How do you handle missing data? What imputation techniques do you recommend ?

->Complete Case Analysis(CCA) is the method which I can use to handle missing data and I would recommend as well for the same because it is easy to use and no manipulation required.

12. What is A/B testing?

-> A/B testing is a widely used statistical tool use to compare two types of a product where a group of people will divide into two parts into A and B where two different products will give to different group A and B and the reviews will be taken from them. The product with better reviews will consider as better product.

13. Is mean imputation of missing data acceptable practice?

->Yes, because it does not preserve the relationships among variables, so the even the data are missing the result will be unbiased.

14. What is linear regression in statistics?

->Linear regression is a type of analysis where we predict it the value of the by the given values or we can say that we predict the variable using the value given variable.

15. What are the various branches of statistics?

->Mainly there are two types of branches in statistics 1)Descriptive statistics and inferential statistics

