

Project-3

(statistics)

Answer sheet

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 confirm to the regression relationship

Q .10 – 15 subjective type questions –

Ans. 10 – the normal distribution is also known as a gaussian distribution or probability bell curve. it is symmetric about the mean and indicates that values near the mean occur more frequently than the values that are farther away from mean .

Ans . 11 – when dealing with missing data , we can use two primary methods to solve the error imputation or data removal . the imputation method substitutes reasonable guesses for missing data. It's most useful when the percentage of missing data is low.

Ans. 12 – A/B testing essentially an experiment where two or more variants of a page are shown to users at random.

Ans . 13 – mean imputation is not a good solution .

Ans . 14 – linear regression is a data analysis technique that predicts the value of unknown data by using another related and known data value .it mathematically models the unknown or dependent variable and the known or independent variable as a linear equation.

Ans. 15 – the two main branches of statistics are descriptive and inferential statistics.