

Statistics worksheet

Assignment -2

Q1&Q9

Q 1 – Ans b) false

Q 2 – a) central limit theorem

Q 3 – b) modeling bounded count data

Q4 d) All of the above mentioned

Q5 c) Poisson

Q6 b) False

Q7 b) Hypothesis

Q8 a) 0

Q9 c) outliers cannot confirm to the regression relationship

Q10 Ans- A normal distribution is a type of continuous probability distribution in which most data points cluster toward the middle of the range, while the rest taper off symmetrically toward either extreme. The middle of the range is also known as the mean of the distribution.

Q12 Ans A/B testing is a popular way to test your products and is gaining steam in the data science field. Here, we'll understand what A/B testing is and how you can leverage A/B testing in data science using Python.

Q13 Ans Mean imputation is typically considered a terrible practice since it ignores feature correlation.

Q14 Ans-

Linear regression analysis is used to predict the value of a variable based on the value of another variable. The variable you want to predict is called the dependent variable. The variable you are using to predict the other variable's value is called the independent variable.

Q15 Ans data collection, descriptive statistics and inferential statistics.

