

Q NO 1 a) True

Q NO 2 a) Central Limit Theorem

Q NO 3 b) Modeling bounded count data

Q NO 4 d) All of the mentioned

Q NO 5 c) Poisson

Q NO 6 a) True

Q NO 7 Hypothesis

Q NO 8 a) 0

Q NO 9 c) Outliers cannot conform to the regression relationship

Q NO 10 Normal distribution, also known as the Gaussian distribution, is a probability distribution that is symmetric about the mean, showing that data near the mean are more frequent in occurrence than data far from the mean. In graphical form, the normal distribution appears as a "bell curve".

Q NO 11 1. Mean or Median Imputation 2 , Multivariate Imputation 3, Random Forest

Q NO 12 A/B testing, also known as split testing, refers to a randomized experimentation process wherein two or more versions of a variable (web page, page element, etc.) are shown to different segments of website visitors at the same time to determine which version leaves the maximum impact and drives business metrics.

Q NO 13

Q NO 14 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

Q NO 15 Mathematical vs. applied, Inferential vs. descriptive, Bayesian vs. frequentist, By application area