

Discuss any one application of data analytics
Explore applications of Data Profiling
Differentiate different types of data attributes What is missing Values? Explain different types of missing values
A fast food chain puts a winning game piece on every fifth package of French fries. Find the probability that you will win a prize, 1.) with your third purchase of French fries, 2.) with your third or fourth purchase of French fries The mean number of power outages in the city of Brunswick is 4 per year. Find the probability that in a given year, 1.) There are exactly 3 outages, 2.) There are more than 3 outages. In the population, The average IQ is 100, A team of scientists wants to test a new medication to see if it has either a Positive or a negative effect on intelligence or no effect at all. A sample of 30 participants who have taken medication has a mean of 140 with standard deviation of 20. Did the medication affect intelligence
Explore different Key steps in Running A/B testing discuss different steps in seasonal Elaborate different issues in cluster analysis
Differentiate between different Python libraries Explain different components of hadoop ecosystem HOW NLP is used for Customer engagement

Classify digital data into different types
Differentiate between data discovery and data visualization.
Focus on different Properties of data attribute. Identify which data attribute holds which property. Discuss different forms of data preprocessing

Differentiate between Parametric and Nonparametric tests in Hypothesis testing

Suppose a data set consists of the following observations:
0.32 0.53 0.28 0.37 0.47 0.43 0.36 0.42 0.38 0.43.

Evaluate

- i) mean -0.399
- ii) median – 0.395
- iii) mode -0.43

Evaluate the variance of the data 3, 4, 5, 6, 6, and 7, representing the number of trout caught by a random sample of 6 fishermen on June 19, 1996, at Lake Muskoka

Standard deviation- $\sqrt{13/6}$ -2 M
Variance 2 M

Explain Different steps in multiplicative seasonal adjustment
Differentiate variables related to segment and variable markets
Identify different situations in which A/B testing is valuable

Justify use of NLP in Speech Recognition
Difference between matplotlib and NumPy libraries in Python
Differentiate between HDFS and MapReduce components of Hadoop Ecosystem

