

STATISTICS WORKSHEET1

1)A

2)A

3)C

4)C

5)A

6)B

7)B

8)A

9)B

10)The normal distribution is a symmetric bell-shaped probability distribution, also known as Gaussian distribution.

11)We can use algorithms that handle missing values like XGBoost. We can also replace missing values with the mean,median or mode of the available data in that column. Regression Imputation and KNN imputation techniques can also be used.

12)A/B testing also known as split testing, is a method used in marketing, user experience optimization and product development to make data driven decisions, improve user engagement and enhance conversion rates.

13)Yes.

14)Linear Regression is a statistical method used to model the relationship between a dependent variable and one or more independent variables.

15)Descriptive statistics, Inferential Statistics,time series analysis,multi variate analysis,probability theory, and spatial statistics.