

DSC-1

Descriptive Statistics

Unit 1

Types of Data:

Primary and secondary data, quantitative and qualitative data, nominal and ordinal data.

Presentation of Data:

Presentation by tables and by diagrams .Frequency distribution for discrete and continuous data, graphical distribution by histogram and frequency polygon.

Unit 2

Analysis of Quantitative Data:

Measure of central tendency, dispersion, moments.

Unit 3

Bivariate Data:

Scatter Diagram, Regression, Curve between two variables and concept of error in regression. Concept of correlation coefficient and its properties, Rank correlation coefficient due to spearman and Kendall.

Unit 4

Analysis of Data on two characters:

Measure of association and contingency table.

DSC-1

Practical

List of Practical

1. Preparation of Histogram and ogive from a set of given data.
 2. Measure of central tendency, dispersion, moments.
 3. Calculation of correlation coefficient from bivariate data.
 4. Calculation of rank correlation coefficient from qualitative data.
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