**PATAN MULTIPLE CAMPUS**

Practical – 1: Descriptive Statistics

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| Roll No.: 23 | Date: 2081-05-30 |
| Program: BIT | Semester: 2nd |
| Subject: Basic Statistics | Section: A |

**Question**: Find no. of observation, minimum value, maximum value, mean, median, quartiles, range, interquartile range, quartile deviation, coefficient of variation, skewness, kurtosis and outlier value of the following observations: 25, 3, 15, 20, 19, 20, 16, 15, 10, 10, 15, 25, 20, 16, 16, 15, 10, 8.

**Working Expressions:**

**Calculation**:

1. **Data**

25, 3, 15, 20, 19, 20, 16, 15, 10, 10, 15, 25, 20, 16, 16, 15, 10, 8

1. **Syntax**

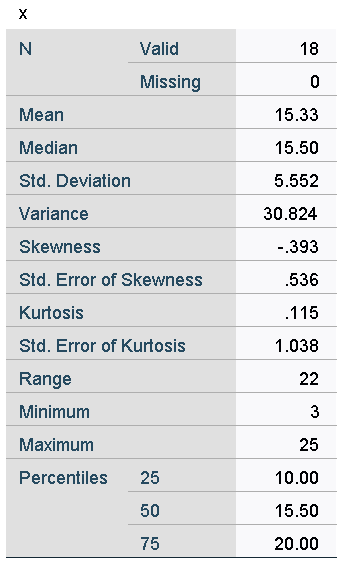
FREQUENCIES VARIABLES=x

/NTILES=4

/STATISTICS=STDDEV VARIANCE RANGE MINIMUM MAXIMUM MEAN MEDIAN SKEWNESS SESKEW KURTOSIS SEKURT

/ORDER=ANALYSIS.

1. **Output**

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