

Name- Pratik Jade

Roll no:- A72

Aim of Experiment- To find Descriptive Statistics of Test score.

Theory- A descriptive statistic is a summary statistic that quantitatively describes or summarizes features from a collection of information, while descriptive statistics is the process of using and analysing those statistics.

Steps- 1. Collect the exam marks data in Excel sheet. 2. Select the data and use a descriptive Data Analysis Toolbox to get data output.

Step 3- Put input range, Output Range, select suitable option and You will get Descriptive Statistics output in output range.

Input-

1	
2	Test scores
3	82
4	93
5	91
6	69
7	96
8	61
9	88
10	58
11	59
12	100
13	93
14	71
15	78
16	98
17	65
18	80
19	45
20	73

▼ Descriptive Statistics

Input Range: A2:A20

Grouped By: ☒ Columns ☐ Rows

☐ Labels in First Row

Output Range: E7

☒ Summary Statistics

☒ Confidence Level for Mean: 95%

☐ Kth Largest: 1

☐ Kth Smallest: 1

OK

Output-

<i>Test scores</i>	
Mean	77.77777778
Standard Error	3.795900399
Median	79
Mode	93
Standard Deviation	16.10464148
Sample Variance	259.3594771
Kurtosis	-0.8502611028
Skewness	-0.343239282
Range	55
Minimum	45
Maximum	100
Sum	1400
Count	18
Confidence Level(95%)	8.008649721