**Using DATA ANALYSIS PACK**

**Assignment No.6**

1. Consider the marks obtained in an exam 24,27,36,48,52,52,53,53,59,60,85,90,95. using formula and data analysis tool pack.

2. The manager at a big restaurant has collected the information on the time take to process credit card payments by the counter at the counter staff. Find all the descriptive statistics for this data.

1.57, 1.09, 1.13, 1.49, 0.98, 0.76, 1.40, 0.76 , 1.38 ,1.29

1.59, 1.73, 2.31, 1.23, 1.89, 1.54, 1.97, 1.26, 0.27, 0.79

1.23, 1.56, 0.89, 1.78, 1.52, 1.07, 0.92, 1.38, 1.56, 1.98

* 1. , 4.89 ,1.39 , 1.76, 0.71 ,2.46, 0.89, 2.01, 3.21, 1.98

3. Find the Descriptive Statistics for the following data:

Vehicle mileage: 27, 29, 33, 21, 21, 12, 16, 25, 8, 17, 24, 34, 38, 15, 19, 19, 41

**PROCEDURE:**

1. Using Data Analysis Tool Pack:
2. Enter the given data in an excel sheet.
3. Click on “Data” option in the Menu bar.
4. Click on “Data Analysis” option in the Analysis Box. A dialog box appears.
5. In the dialog box, click on “Descriptive Statistics” option and click on Ok. A dialog box appears.
6. Enter the range in the “Input Range” box.
7. Click on “New Worksheet Ply” and then select the option “Summary Statistics” and click on Ok. The Summary of the given data is observed.
8. Using Functions:
9. Create a table for the following data using “Table” option in the “Insert” Menu.
10. Measure of Skewness can be obtained by using function “SKEW”.
11. Similarly, measure of Kurtosis can be obtained by using function “KURT”.