

Computational skills in Data Analysis

Revise:

- (i) Inputting data;
 - (ii) Selecting data;
 - (iii) Multiplication, Division and Addition;
 - (iv) Formatting Cells;
 - (v) Hide/unhide columns;
 - (vi) Sorting Data;
 - (vii) Filtering Data;
 - (viii) Freezing and Unfreezing Headers;
 - (ix) AUTO SUM and SUMIF commands;
 - (x) Using MAX, MIN, COUNT, COUNTIF command; {max gives the Maximum of the series and min gives minimum of the series}
 - (xi) Pivot Tables;
 - (xii) Line Graph, Column Chart, Histogram, Pie Chart and Scatter Plot.
- References: MS EXCEL 2010 manual (attached)

Review of (i) Measures of Central Tendency - Mean, Median and Mode; Arithmetic Mean, Geometric Mean and Harmonic Mean; (ii) Measures of Dispersion – Standard Deviation and Variance; (iii) Skewness {select a series and command is $SKEW(series)$ }; (iv) Kurtosis {select a series and command is $KURT(series)$ }. All what has been covered in the BA Program Semester V SEC paper 'Data Analysis'.

ASSIGNMENT QUESTION:

- Compute all the above for 'example.xls' file and return the same by mail (vaishali2489@gmail.com)

LINK FOR MOVIE 'PREDICTIONS BY THE NUMBERS'

<https://www.dailymotion.com/video/x6fi9b3>

Understand samples and how could results change according to selection of sample

I am hereby attaching an example file to perform all operations and MS EXCEL 2010 manual as reference.