

### Objectives:

- Merge data from two or more csv sheets
- Classify the students into various programmes Viz. B Sc Mathematics, B Sc Physics, B Sc Botany, B Com Etc based on the range of register numbers
- Frequency table of Grades received by students for various papers (Class wise) as a single table
- Frequency table of Grades received for same paper various years (Class wise) as a single table
- Descriptive statistics (Mean, Median, SD and QD) for percentage of marks received for different paper by students of same class
- Spearman's Correlation between percentage of marks for different papers
- Box plot of percentage of marks received for different paper by students of same class
- Box plot of marks received for same paper in different years
- Line chart of the average marks (in percentage) obtained by students in different semesters (each class)

### The given quantities

Different excel sheet for each semester and each year. Hence for 2017 admissions we have result of first 6 semester (6 excel sheet) and for 2018 we have 6 excel sheets and for 2019 admissions we have 2 sheets as they have results of first two semester only