**Functions of R**

**Tidyverse**

The tidyverse is a collection of open source R packages introduced by Hadley Wickham

**Geom\_smooth**

Geom\_smooth aids the eye in seeing patterns in the presence of overplotting. It helps in the smoothning of your plots.

**Geom\_point**

Geom\_point is used for the scatter plot

**Mapping**

Transform the inputs by applying a function to each element and returning a vector.

**Aes**

This make it easy to work with variables from data frame because you can name those directly.

**Filter**

Return rows with matching condition. Use filter() find rows/ cases where conditions are true.

**Summary**

If you need a quick overview of your dataset, you can, of course,

**Sapply**

To get the standard deviations of the dataset

**Standard Deviation**

The **standard deviation** is the average difference of each member of the **data** set from the mean. This is quite useful in calculating the spread of the collected **data**. It is also easy to calculate as well as automate.