

21 July 2020

Rashmi K

4AL18EC043

## Basic Statistics

### Report:

#### Correlation and Regression

- + A contingency table, enables you to display the relationship b/w two ordinal & normal variables.
- + When they are measured on a quantitative level, we use scatter plot.
- + Regression -  
The linear correlation can be displayed by a straight line is called as regression line.
- + every distance is called residual & you end up with positive residuals.
- + measure these residuals for every possible line through the scatter plot.
- + The best fitting line is called a regression line & name of the method of analysis is called ordinary least square regression.