

## **Checklist of Activities performed on the dataset till now**

1. Load the dataset and required libraries
2. Understand the data, what are the features? What are the datatypes?
3. Ask the right question, which we can answer from its analysis
  - Analyze the dataset to check for summary and structure
  - Analyze what class of datatypes apply to our dataset
4. Data cleaning - dealing with missing data
  - Removing Nulls or
  - Imputation with mean value or 0 depending on data
5. Data exploration and visualization
  - Boxplot
  - Bivariate boxplot – Bvplot
  - Histograms
  - Scatterplot
  - 3D Scatterplot
  - Chullplot
  - Chiplot
  - Scatterplot with linear fit
  - Pairs for checking variance
6. Data variance - univariate and multivariate
  - T test
  - Hotelling T squared Test
  - F test
  - Leven's test