Ex. No. 1:

Acquiring and plotting data.

1. Load the in-build dataset from R and draw various basic plot in R using grid (Horizontal bar plot, Vertical bar plot, box plot, multiple box plot, plot with point an lines etc.,)

2. Load in-build dataset mtcars and visualize data using visualization library ggplot.

EX. No. 2

Statistical Analysis – Univariate, Bivariate, Multivariate – plotting and coloring for maps.

1. Load the gapminder dataset and perform statistical analysis using tidyverse and dplyr libraries.
2. Using RClolorBrewer visualize mpg data.
3. Load USArrests in-build dataset and correlate in the maps with anyone fields. Display the maps using colormapping.

Note:

1. Start Ex. No 1 and 2 in a new page.
2. Upload .PDF as a single document.
3. Avoid output for str, summary and displaying the variable contents like mtcars, iris etc.,
4. Include output for all visualizations.
5. Document should contain Date, Title of Experiment, Aim, Code, output (**Keep your Roll No in legend or in main title**), Result