<u>**DOCUMENTATION**</u>

1.0 Plotbox

Plotbox is a simple dashboard for loading in data and plotting the loaded data for visualization. Plotbox allow user to select either scatter plot or boxplot, depending on the type of variable the user intended to visualize. Plotbox is built with Shiny.

Shiny is a web application framework for R, it is used for building interactive web applications with R.

2.0 Description of Components on Plotbox

1. Y-Axis Selection: This allow user to select the variable to plot on the vertical axis of the plot.

2. X-Axis Selection: This allow user to select the variable to plot on the horizontal axis of the plot.

3. Select Point Color (or Box outside line color): This is the option for user to select the colour of the scatter plot points or the boxplot outside line colour.

4. Select Box Fill Colour (Not require for scatter plot): This is the option for user to select the infill colour of the boxplot, it is not required for scatter plot.

5. Enter Plot Title: This is the textbox where user enters desired title for the plot.

6. Enter X-Label: This is the textbox where user enters desired label for the x-axis.

7. Enter Y-Label: This is the textbox where user enters desired label for the y-axis.

8. Select Plot Type: This is the textbox where user enters desired plot e.g. scatter, boxplot.