Shiny App Homework Assignment

Homework Assignment: Shiny App Creation

Objective: Create a Shiny app using the `mtcars` dataset that performs the following tasks:

1. Prompt the user to input two numerical variables.

2. Generate a scatterplot with a trend line for the chosen variables.

3. Display histograms for both variables.

4. Ensure your name is displayed at the top of the app page. If your name for any reason is not there, **you will not get the credit and you will not get opportunity to do the correction**.

Instructions:

1. Use the mtcars dataset to create your Shiny app.

2. The app should have a user interface that prompts the user to input two numerical variables.

3. Upon selecting the variables, the app should generate a scatter plot with a trend line showing the relationship between the two variables.

4. The app should also display histograms for both variables.

5. Ensure your name is prominently displayed at the top of the app page.

6. Failure to include your name will result in no credit being awarded for the assignment.

Submission Requirements:

1. Submit the app.R file containing the code for your Shiny app.

2. Provide the link to your published app.

Example: For reference, you can view an example app created by Steve McQueen and Clint Eastwood.

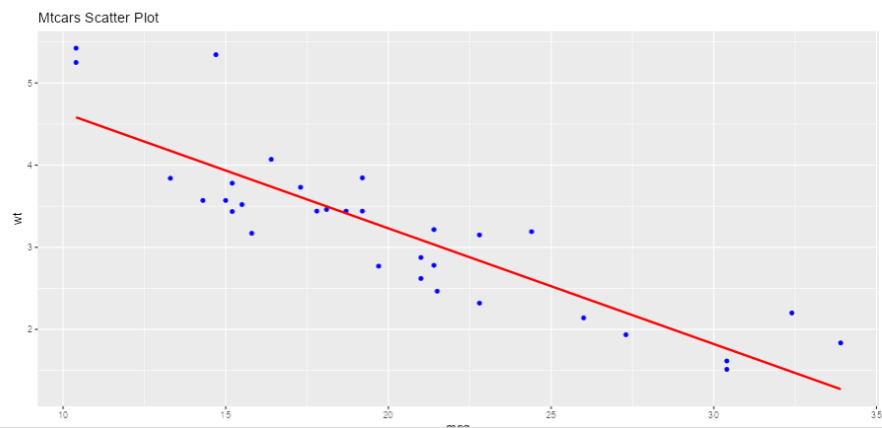# Clint Eastwood and Steve McQueen.

Putting things together

Plots from the mtcars data table

Variable 1

| mpg | ▼ |

Variable 2

| wt | ▼ |

Mtcars Scatter Plot

Apply Changes