**Assignment-1**

1)The three stages of a reproducible workflow for the given study case are:

**Data Preparation and Exploration:**

Load the data from the provided table into a pandas DataFrame.

Check for any missing values or uncertainties in the data.

Perform basic data exploration and analysis to understand the variables and their relationships.

**Data Analysis and Visualization:**

Analyze the relationship between grip strength and frailty scores.

Visualize the data using appropriate plots and charts to gain insights into the relationship between grip strength and frailty.

**Reporting and Documentation:**

Summarize the findings and conclusions from the analysis.

Create a report or presentation to communicate the results effectively.

Remaining Answer in the python note book which I have implemented in google colab

**Google colab Assignment Reference:**

<https://colab.research.google.com/drive/1Mp46Magapgs9vl4OOXbxs8RCkmCFQbw9?usp=sharing>