**Question 1:**

Based on the following table, design the three stages of reproducible workflow, includes the work you  
can do and the folder structure in each stage (reference study case in chapter 3). (5 points)

1. Install the required packages pandas, numpy, matplotlib

Table

Description automatically generated

1. Scatter plot showing Grip Strength v/s Age

Chart, scatter chart

Description automatically generated

1. Scatter plot showing Height v/s Weight

Chart, scatter chart

Description automatically generated

1. Scatter plot showing Frailty and Age

Graphical user interface, text, application

Description automatically generated

1. Scatter plot showing Frailty and Grip Strength

Graphical user interface, application, Word

Description automatically generated

1. Scatter plot showing Weight and Grip Strength

Chart, scatter chart

Description automatically generated

1. Scatter plot showing Height v/s Age

Chart, scatter chart

Description automatically generated

**Results:** From the above scatter plots we can conclude that greater the Grip Strength 🡪 greater the person