Lab Report

A screenshot of a computer

Description automatically generated

# Method of Extracting data

Here I have drew a scatter plot of resting blood pressure vs age and colored the plotted data according to each record’s serum cholesterol levels.

# Patterns and Data we can Identify.

Looking at the plotted chart directly we cannot say much about blood pressure co-relating with the age, but we can see a larger variation of values, which means as the subjects getting older the blood pressure can go up or down in a significant value.

Also Considering the Serum Cholesterol levels, We can see majority of the people who deviates from the average blood pressure level can also have a higher serum cholesterol level.

We can develop the formula.

**Resting Blood Pressure = 0.535\*age + 102.1998345**

Here the conclusion we can make is as a subject getting older their blood pressure can go up by 0.53 and the resting blood pressure of a regular person is 102.19.