

Principles of Data Science - 5530

Assignment-1

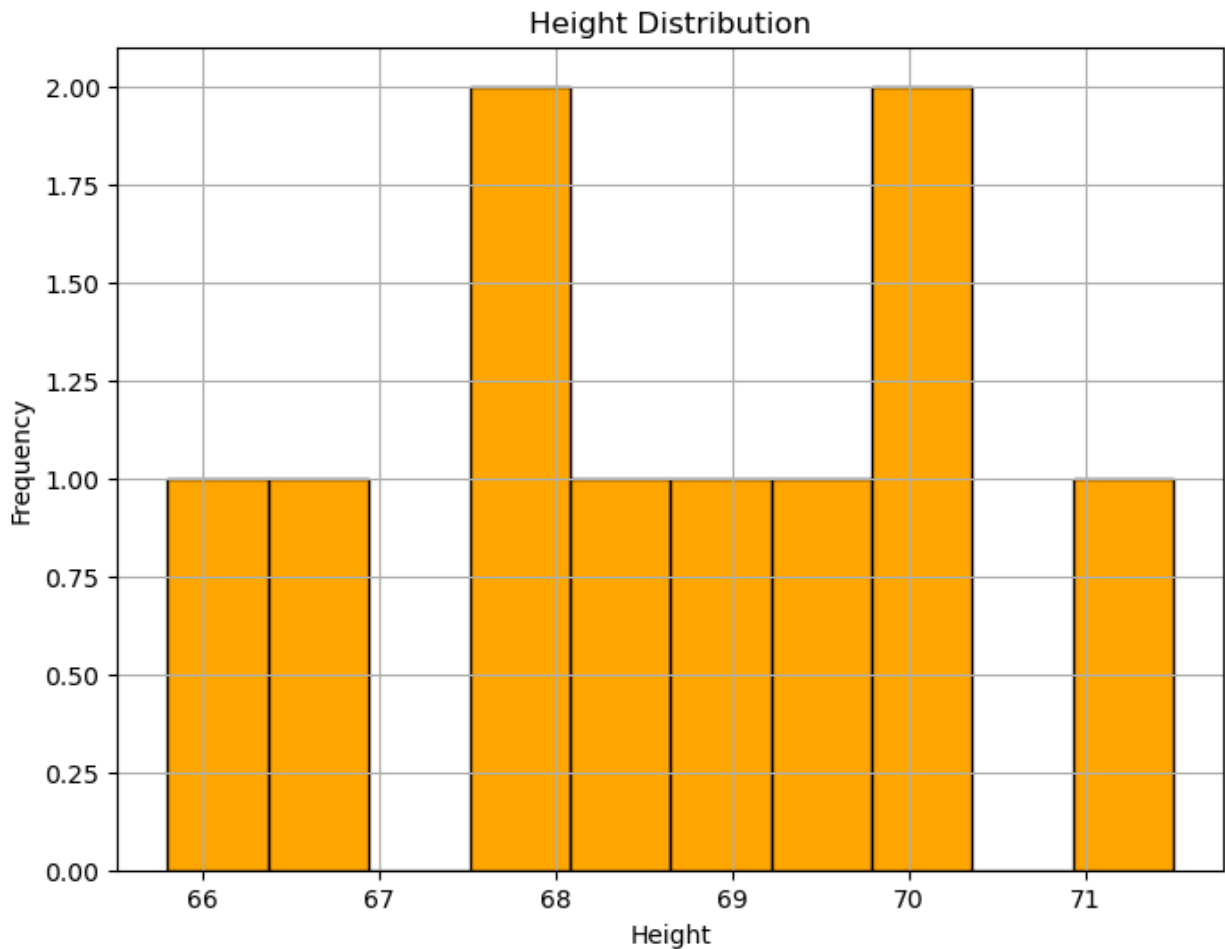
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Question:Frailty Dataset

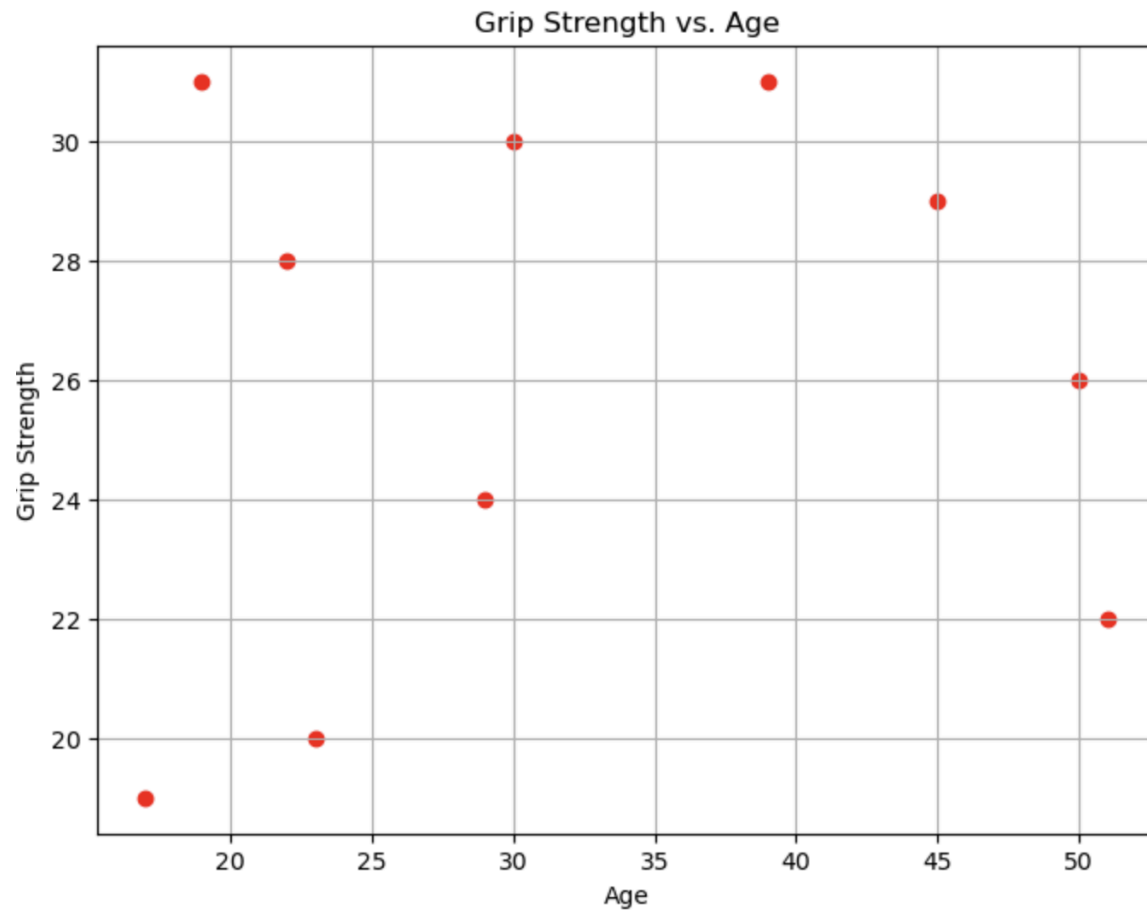
Plot 1:

The below histogram shows the distribution between the height and frequency for the given population. The height is plotted along the X-axis and the frequency is plotted along the Y-axis. We can see that the 68 and 70 height are more than any other.



Plot 2:

The graph showing the relationship between grip strength and age. It appears to show that grip strength generally decreases with age. Grip strength is measured on the y-axis, and age is measured on the x-axis. The blue line shows the average grip strength for each age group.



Plot 3:

The bar graph shows that the number of people with a faulty status. The yellow bar represents the number of people who do not have a faulty status, while the black bar represents the number of people who do have a faulty status. There are more people who do not have a faulty status than there are people who do.

