Using the data, please answer the following questions.

1. Summarize the data (mean, variance, median, and, minimum and maximum values) and report them in a table. (Figure 1 has a table)

2. Show the histogram plots of Age, Height, and Weight. (Figure 2 has three subfigures)

3. Show the Box-plots of Age, Height, and Weight. (Figure 3 has three subfigures)

4. Plot the scatterplots of Age vs Weight, Age vs Height, and Height vs Weight, and show the Pearson correlation coefficients and the lines. (Figure 4 has three subfigures)

5. Draw the Pie-chart diagram for gender proportions. (Figure 5 has one figure)

In total you will have 5 figures. Put proper legends and texts to the figures. Also explain each figure in 3-5 lines.