

## PDAT 617 Assignment 4 Due on 07/06 11:59pm

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- 1.**Loading data.**(10 points). Begin by downloading the file FakeData.csv and saving it in a folder where you can find it. We will load the data in jupyter notebook using the read.csv() command.
- 2.**Histogram.**(10 points). Create a histogram of the Pinkylen variable, adjust the color to blue, and set the main title to Histogram of Pinky Length and the x-axis label to an appropriate label.
- 3.**Boxplots.**(10 points) Construct a blue boxplot of the Height variable and label the graph appropriately. Provide the command and the output in your lab report.
- 4.**Pie Chart.**(10 points)Construct a pie chart of the FavColor variable based on the relative frequency. Provide the command and the output in your lab report.
- 5.**Scatter Plot.**(20 points)Construct a scatter plot of the Height variable for males and females, respectively.(Show in one graph)
- 6.**Bar Graph.**(10 points)Construct bar graph for the Breakfast variable and label it with the appropriate labels. Provide the command and the output in your lab report
- 7.**Line Chart.**(30 points)Construct a line chart of the Height variable based on different Fav-Color.(There will be 3 subplots in one graph.)