Io’

Medical Data:

1. Find if there are any outliers in the dataset (irregular extreme values)? ( Hint: make multiple boxplots)
2. Create a variable “Cholesterol\_level”, and create levels “Good” (when Total.Cholestrol.Level..mg.dL. is less than 200), “Borderline” ( when Total.Cholestrol.Level..mg.dL. is between 200 and 239), “High” ( Total.Cholestrol.Level..mg.dL. is greater than 240, including 240)
3. Create a variable “ Blood Pressure”, and build levels “normal” for those Systolic.Blood.Pressure..mmHg. is less than 120; “elevated” for those Systolic.Blood.Pressure..mmHg. is between 120 and 129; “high\_blood\_pressure” for those Systolic.Blood.Pressure..mmHg. is 140 or higher.
4. Make the histogram of the “Cholesterol\_level” grouped by “high\_blodd\_pressure”
5. Is there a difference between female and male in terms of the weight..pounds based on the Marital.Status?
6. Make a density plot of Total.Cholestrol.Level..mg.dL. across Marital.Status
7. Subset the dataset for those married only, compare their high\_blood\_pressure with Cholesterol\_level by making the line plot.
8. Bonus if you come up with more relevant questions and answer them.