Took PSA level as the response variable. Took scatterplots of PSA level with other variables. Based on these, chosen one **quantitative** variable that is used effectively to predict PSA level. Highlighted the potential outliers on the scatterplot of this variable with PSA level.

Fitted a simple linear regression model and carried out regression diagnostics. The analysis included an assessment of the degree to which the key regression assumptions are satisfied. When assumption is not met, remedied the situation.

Commented on the fit of the final model using appropriate tests and statistics.

Chose one more variable to add to the final model built above. Fitted a linear model using the two variables and carry out regression diagnostics. The analysis includes an assessment of the degree to which the key regression assumptions are satisfied.