**Jupyter Notebook (or equivalent)**

* **a. Introduction with clear motivation and thesis statement**

# Introduction and Motivation

* **b. Background information about the data**

Data Description

* **c. Motivation for the model used and statement of the model**

A 2-variable model is a solid improvement over a 1-variable model, but the improvements from adding a 3rd or 4th variable are small. This leads us to conclude that a 2-variable model containing ABDOMEN and WEIGHT is the best balance between accuracy and simplicity.

* **d. Concise and relevant summary about estimation and inference of relevant parameters, which may include estimated coefficients, R^2, standard errors, confidence intervals, p-values, hypothesis testing statements, and etc. No “data/printout dump”**
* **e. Clear, laymen’s interpretation of the estimates and inferential quantities**

# Rule of Thumb

* **f. Model diagnostics and checking modeling assumptions with plots**
* **g. Strengths and weakness of the group’s data analysis**
* **h. Conclusion**

**Other Files on Github Repository**

1. **The Readme Markdown file is concise and summarizes the contents of the repository**

**b. Contains clean, readable, well-documented, and error-free code**

**c. Data can be easily read and cleaned using the code provided**

**d. Figures/tables are legible, concise, and clear**