**Statistical/Hypothetical Question:**  Can you predict the home values of the Boston area?

**Outcome of your EDA:** There were strong relationships between a few variables but there are too many factors to discount causation. I did noticed an increase in median home value for each additional room in the house. The regression model suggested that median home value for each room, increased about $3,790 USD.

**What do you feel was missed during the analysis?**  Since the data is from the 1980’s, I wondered if the data would show strong causation over the decades. I also wondered if doing time series analysis on this data would shows new patterns or confirm trends that were found in the original data.

**Were there any variables you felt could have helped in the analysis?** The median value variable was the one that really helped in my analysis. Without the median value variable, I do not think the analysis would have been possible.

**Were there any assumptions made you felt were incorrect?** From my initial analysis, I saw a correlation between the median home value and the lower status population variables. Later on, I noticed that there were many factors connected the median home value variable. Relying only on the median home value would not give a picture of the data.

**What challenges did you face, what did you not fully understand?**  I did noticed after making the regression coefficients and when I used the data to test back into the regression model. The prediction of the regression model is not great but, I know that the model needs more time to train.