**Regression Project**

Below are some of my interpretations of the *distributions* and *correlations* of the variables from the Regression Project. The variable ‘W2MiDT’ (building location) is a factor variable and a BoxPlot is needed to view its distribution. I am having trouble creating the BoxPlot for it so if you have a solution please add in the code (thanks!). Again, except for the correlations, these are my interpretations of the distributions through visuals so please leave your feedback as well as your interpretations.

**Distribution**:

* Rent Rate
  + Normal Distribution
* Age
  + Non-Normal, containing ‘two spikes’
* Expenses
  + Normal/ Negatively Skewed (Close between both)
* Vacancy Rate
  + Negatively Skewed
* Sq. Footage
  + Negatively Skewed
* Taxes
  + Negatively Skewed

**Correlation**:

* Rent ~ Operating Expenses
  + Moderate - Positive Correlation
* Rent ~ Sq. Footage
  + Moderate – Positive Correlation
* Rent ~ Taxes
  + Moderate – Positive Correlation
* Operating Expenses ~ Vacancy Rate
  + Moderate - Positive Correlation
* Operating Expenses ~ Sq. Footage
  + Moderate - Positive Correlation
* Operating Expenses ~ Taxes
  + Moderate - Positive Correlation
* Sq. Footage ~ Taxes
  + Strong – Positive Correlation (\*Almost perfect)