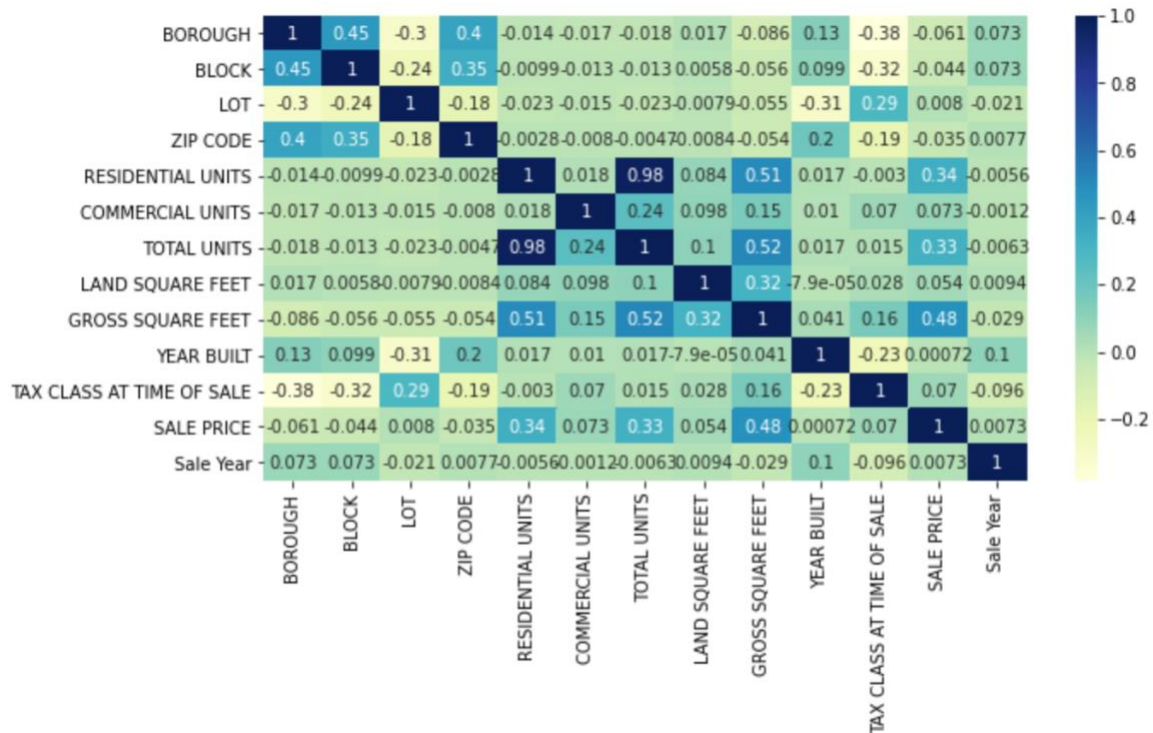
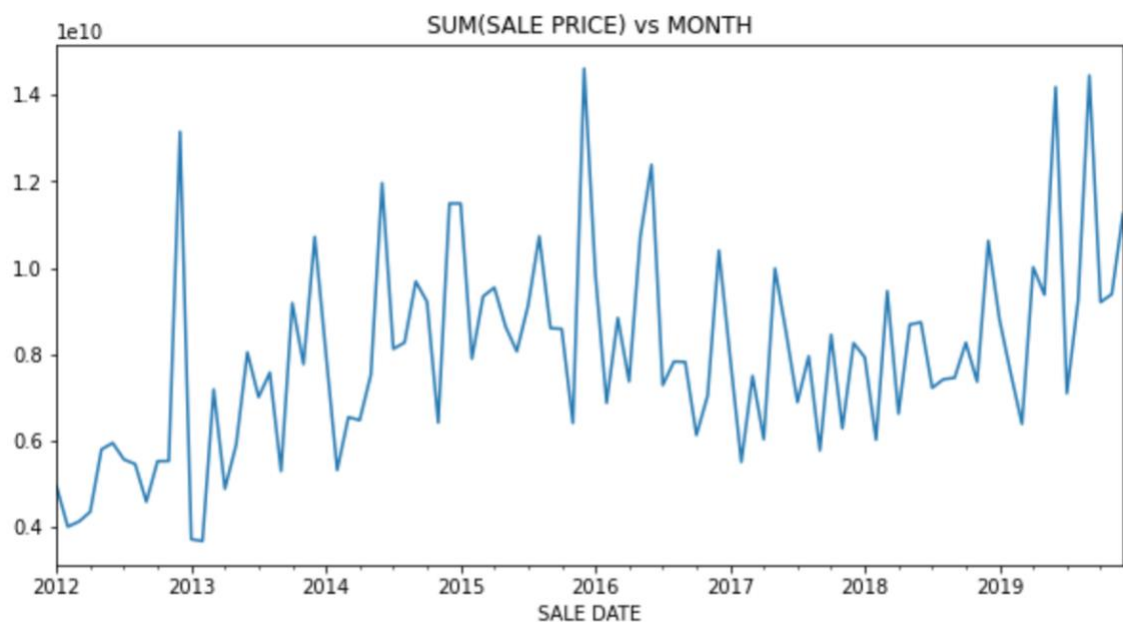
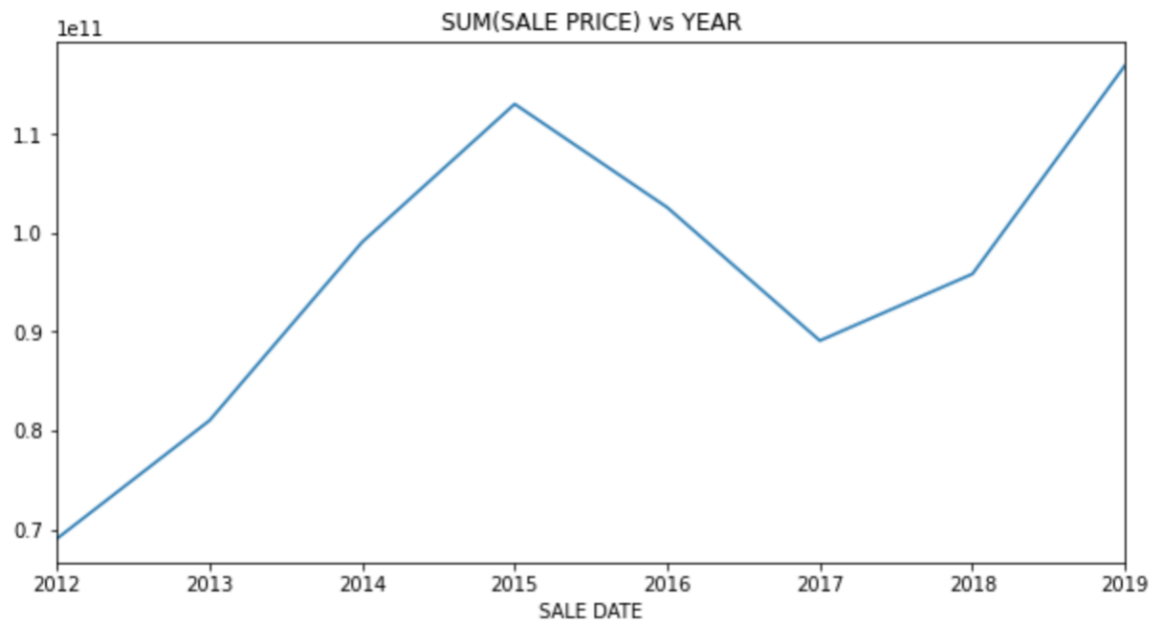
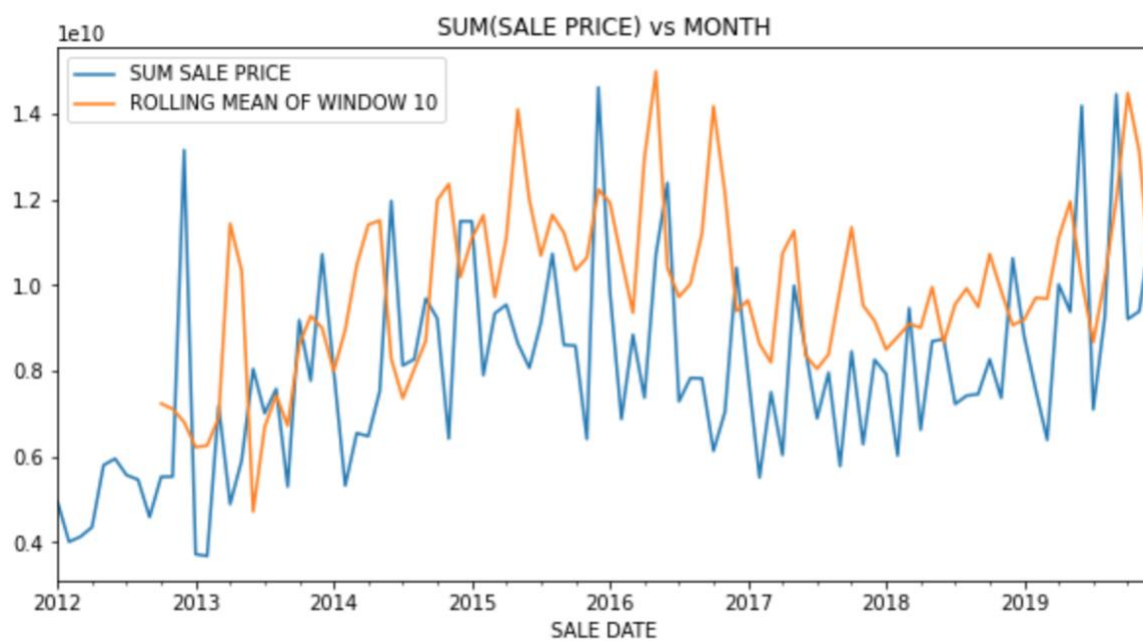
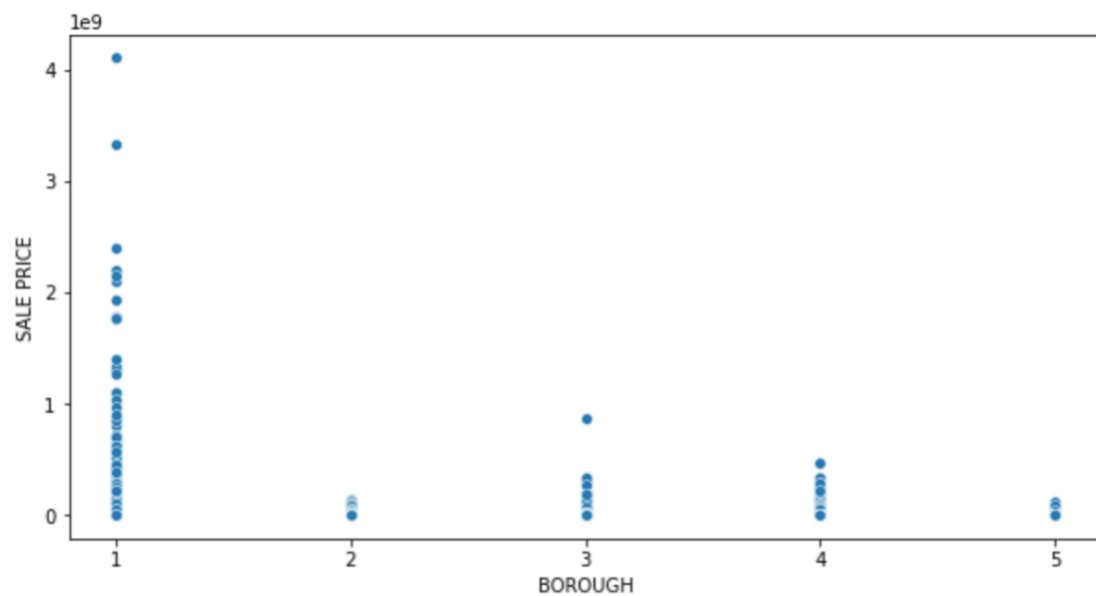


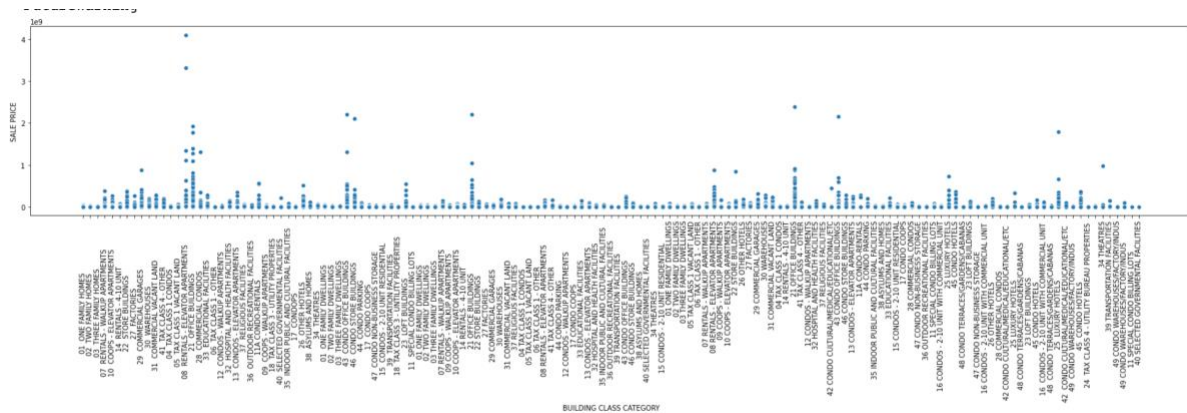
This graph shows the correlation between Sale prices, and other factors. When plotted we can see the obvious, that Sale price has a correlation of 1 because it is the same factor. The other significant correlations are gross square feet, which has a 0.48 correlation with sale price. The other significant correlations are that of Total Units and Residential Units which has a correlation of 0.33 and 0.34 with sale price.



The above figure shows a heatmap, represents all five-borough data correlated with one another. The image shade represents the correlation. As you can see in the above figure the higher the number the darker the box shade. The diagonals are all in the darkest shade represented by 1 because that is the correlation of the same factor with itself. The diagonal also resembles a mirroring line because all the values are mirrored over. Total units and residential units has a correlation of 0.98 which is the highest correlation of two individual factors. Other distinct correlations are Total units vs. Gross square feet and residential units vs. Gross square feet. There are other correlations, but not as significant.







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