**Summary of London Housing**

We have cleaned and tidied the London Housing data set. By transposing the dataset, we were able to form the Burroughs as the independent variable. Then we melted the data frame so that we matched each price observation to its own row. Unfortunately, this created a lot of missing values from the dataset. It is possible that this could have some effect on the final analysis. From there we were able to create a visualization to gain a crude understanding what the data contained. With this we could see clearly that the price in some of the Burroughs had risen throughout the timeframe of the data.

To analyze further, we created a function to compare the price in 2018 to the one in 1998 and calculated it for all the different Burroughs. With this information, we now know that the most housing prices have increased is by a factor of six in Barking & Dagenham, while prices have increased the least in the most expensive Burrough, York’s & The Humber's by a factor of only 2.8.

It would be interesting to see how the housing market compares to all the other important economic markers. Do the prices stay even with inflation, are incomes moving in the same proportion to the housing market or are there outside influences that are making the housing market act strangely.