Course Project – Data Visualization

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For this course project I first started out by loading my libraries I loaded some extra libraries print PDFs and to customize the RC\_parameters the font text to fix any errors from the font symbols missing in the dataset that I was experiencing. Then I imported my data into a dataframe ***df*** then checked the validity. Next, I started to pre-process the data to a new dataframe ***df1*** to remove all the NaN values from the *no-show* column vector. After this I checked the data, continued to clean the data, and drop NaN values. I knew I wanted trendline in my plot so I encoded the ***neighborhood*** column vector and a sub variable with the neighborhood value count in two separate variables for my X & Y features. From this point I continue to process the visual data, set my trend lines, grid, x-y-labels, and my visual data point including a supporting PDF output of the chart.

I have included all the necessary requirements and files for this project also I have provided a link to the cloud Google colab working script file.

<https://colab.research.google.com/drive/1yIz-qs9D-IiyhtOuZeXFIWnvWaWG9Cdu?usp=sharing>











