Tableau visualization guide

Median Income and Green Infrastructure Projects Scatterplot

- To complement my analysis, I created two scatterplots and one map in Tableau.
- For the first scatter plot, I exported a cleaned and manipulated dataframe with data on median income and the number of GI projects per NTA from R into Tableau.
- I thought that creating a scatter plot was a good way to show any outliers or patterns in the data, and I added a regression line in Tableau to determine what the correlation between the variables were.
- For the color scheme, I used the data visualization principle of keeping it simple so I did a simple blue color palette, to discern the different NTAs.
- I also highlighted some outliers using the annotate function in order to guide the viewer to interesting cases, especially because a live version of the published Tableau dashboard cannot be embedded into Medium.
- I also used a font of my choice rather than the default tableau font in order to match these visualizations with the ones created on data wrapper.

Complaint Count and Green Infrastructure Projects Scatterplot

- I essentially did the same thing for this scatterplot, except I used a different dataframe exported from R.

Borough Snapshot Map

- At the end of my brief, I created a borough snapshot that provided a summary of different variables by borough. I thought this would be a nice wrap up for the viewers.
- To make this visualization, I imported a shapefile of the five boroughs to tableau, then I imported an XLS with the data I wanted to use.
- I made the boroughs distinct colors so as to differentiate them.
- I then used the annotate tool to create the summary for each borough (annotated the tooltip).
- I customized the font and variable names within the visualization for reader clarity and for a cleaner visualization.