

- A brief section addressing feedback from the last update

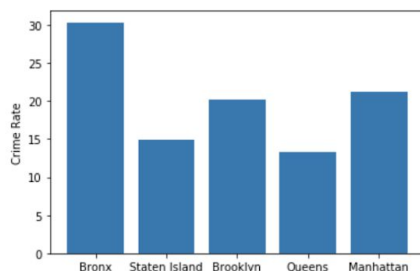
The feedback I received was : “Thanks for submitting. You can definitely do ANOVA tests to compare these statistics between all of the boroughs, and then one-on-one hypothesis tests to break down the data further. You can also do a regression analysis on these statistics (income vs. crime rate), for instance. Looks promising! Let me know if you have questions or issues.”

Reply: I will be doing this. I have completed my data gathering. I used the following links to grab the crime rate data:

- <https://www.neighborhoodscout.com/ny/brooklyn/crime#:~:targetText=The%20chance%20of%20becoming%20a.and%20towns%20of%20all%20sizes.>
- <https://www.neighborhoodscout.com/ny/staten-island/crime#:~:targetText=Staten%20Isl and%20has%20an%20overall.Island%20is%201%20in%2067.>
- <https://www.neighborhoodscout.com/ny/new-york/crime>
- <https://www.neighborhoodscout.com/ny/queens/crime#:~:targetText=Queens%20has%20an%20overall%20crime,Queens%20is%201%20in%2075.>
- <https://www.neighborhoodscout.com/ny/staten-island/crime#:~:targetText=Staten%20Isl and%20has%20an%20overall.Island%20is%201%20in%2067.>

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In [26]: dataframe = pd.read_excel('CrimeRate.xlsx')
x = np.arange(5)
plt.bar(x, height=[dataframe['Bronx'][0], dataframe['Staten Island'][0], dataframe['Brooklyn'][0], dataframe['Queens'][0], dataframe['Manhattan'][0]])
plt.ylabel('Crime Rate')
plt.xticks(x, ['Bronx', 'Staten Island', 'Brooklyn', 'Queens', 'Manhattan'])
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Out[26]: ([<matplotlib.axis.XTick at 0x122595390>,
<matplotlib.axis.XTick at 0x12258f4a8>,
<matplotlib.axis.XTick at 0x12258f048>,
<matplotlib.axis.XTick at 0x1225e0a20>,
<matplotlib.axis.XTick at 0x1225e0ef0>],
<a list of 5 Text xticklabel objects>)
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This week I focused on gathering the data and making sure I had all the data I needed to proceed with my work. I will start the analysis soon.

- Any concerns you are having about the project at-large

None for now. I will reach out if I have questions/concerns.