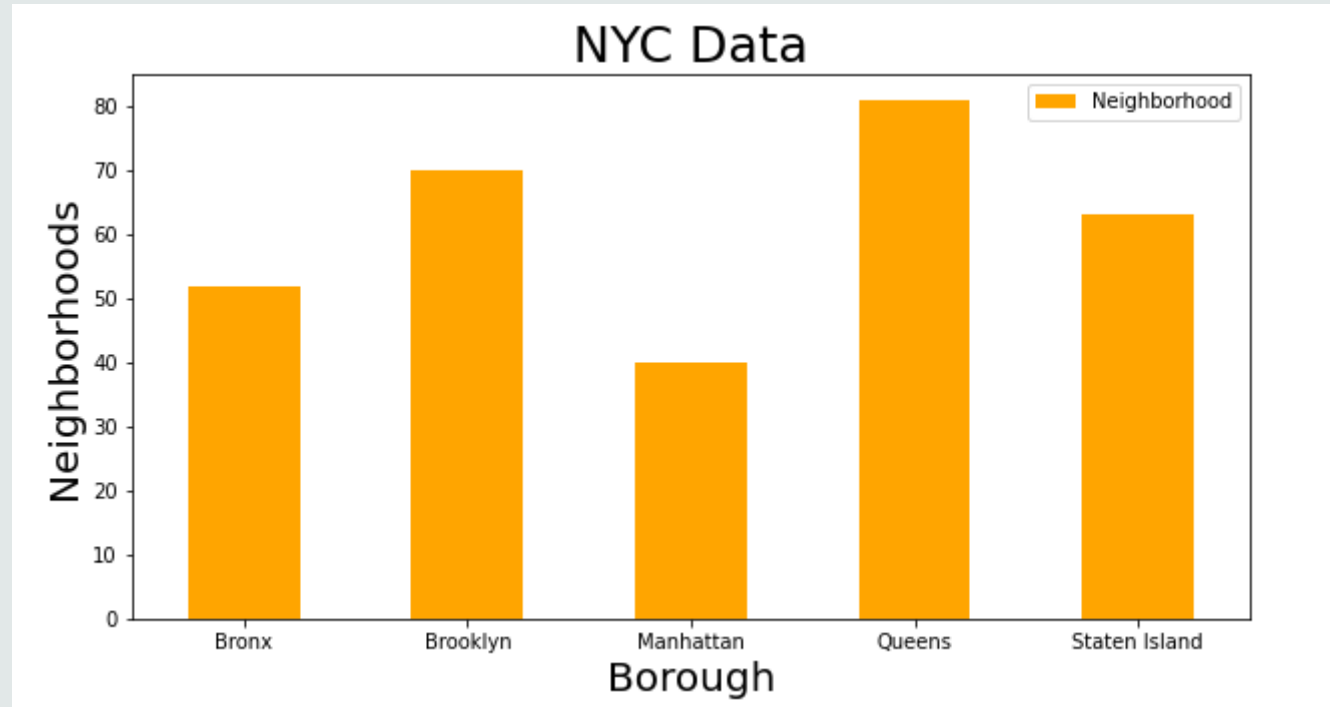


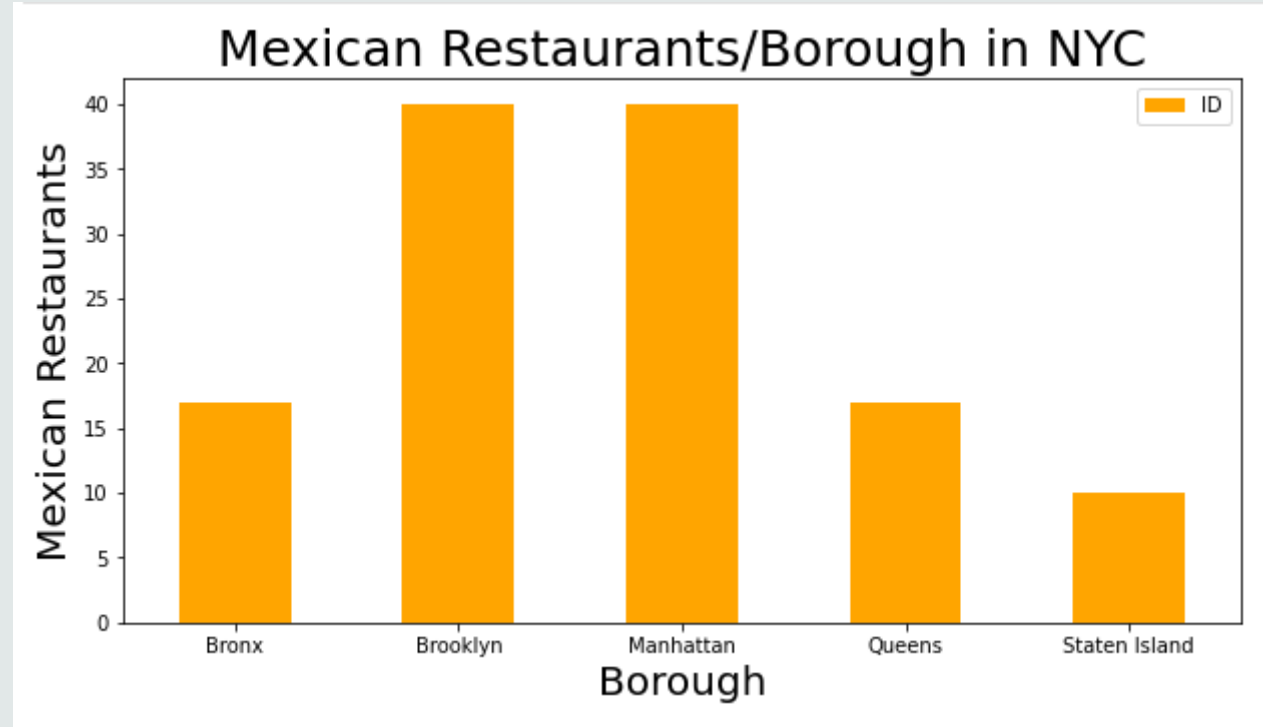
Coursera Capstone Project

Ulises Aparicio Saucedo

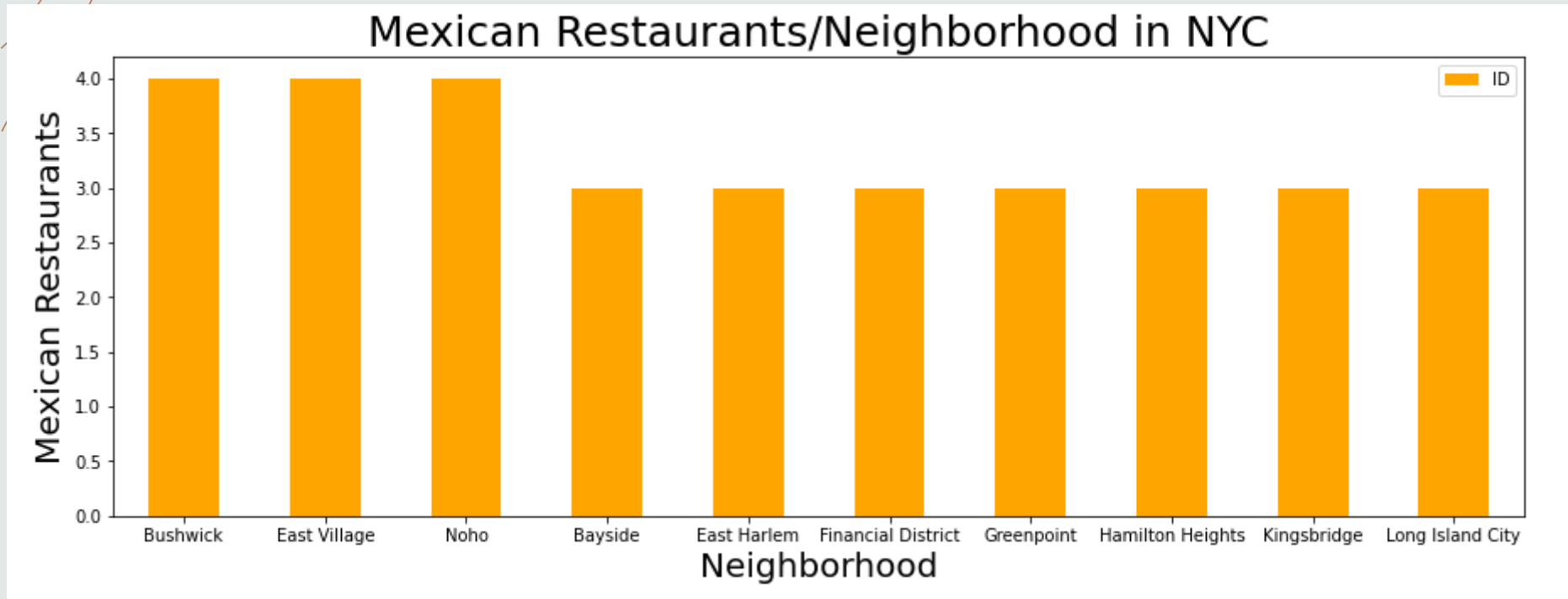




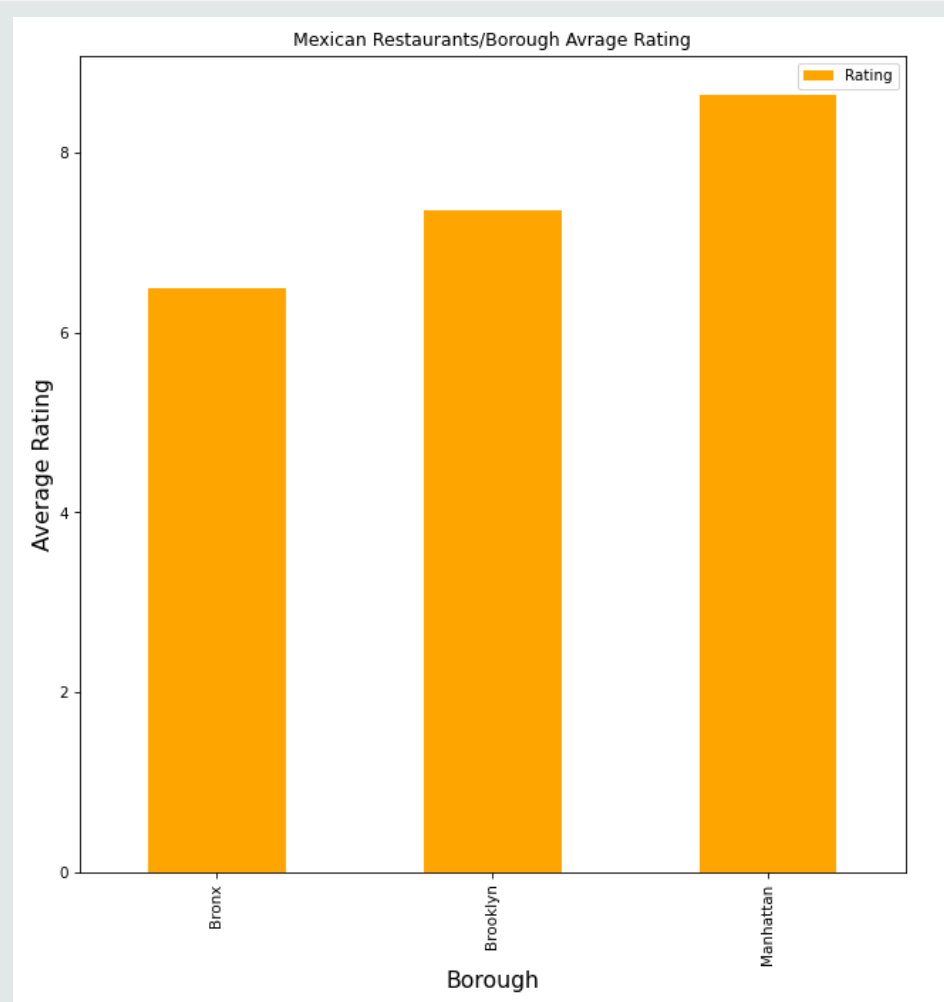
- + Although Queens has the most neighborhoods Manhattan and Brooklyn managed to have the most Mexican Restaurants with a total of 40 each. Based only on this information we can say that Manhattan and Brooklyn should be our place to open a new restaurant. Doing more research, in tie for third place is Queens & Bronx with more than 15. These Boroughs will be the "top 3" options.



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- + As for the neighborhoods we have that Bushwick, East Village and Noho are the ones with more restaurants (4), so although Manhattan and Brooklyn are tied with 40 Restaurants each, since Noho & East Village are from Manhattan, Manhattan would be the best Borough for opening a new Mexican Restaurant based on this information.



- + Further analysis leads us that Manhattan has the best Average rating for Mexican restaurants, second place Brooklyn and third place the Bronx, I must note that this last information was limited to only 50 ratings from 306 restaurants, it is a very small sample from the total restaurants but due to Foursquare limited calls these is the most information I can gather with a free account.

```
[26]: # Restaurant with maximum Likes
mexican_stats_nyc.iloc[mexican_stats_nyc['Likes'].idxmax()]

[26]: Borough                Brooklyn
      Neighborhood          Greenpoint
      ID                5ae8ed8eb3c961002b3360da
      Name                Oxomoco
      Likes                250
      Rating                9
      Tips                54
      Name: 17, dtype: object

[27]: # Restaurant with maximum Ratings
mexican_stats_nyc.iloc[mexican_stats_nyc['Rating'].idxmax()]

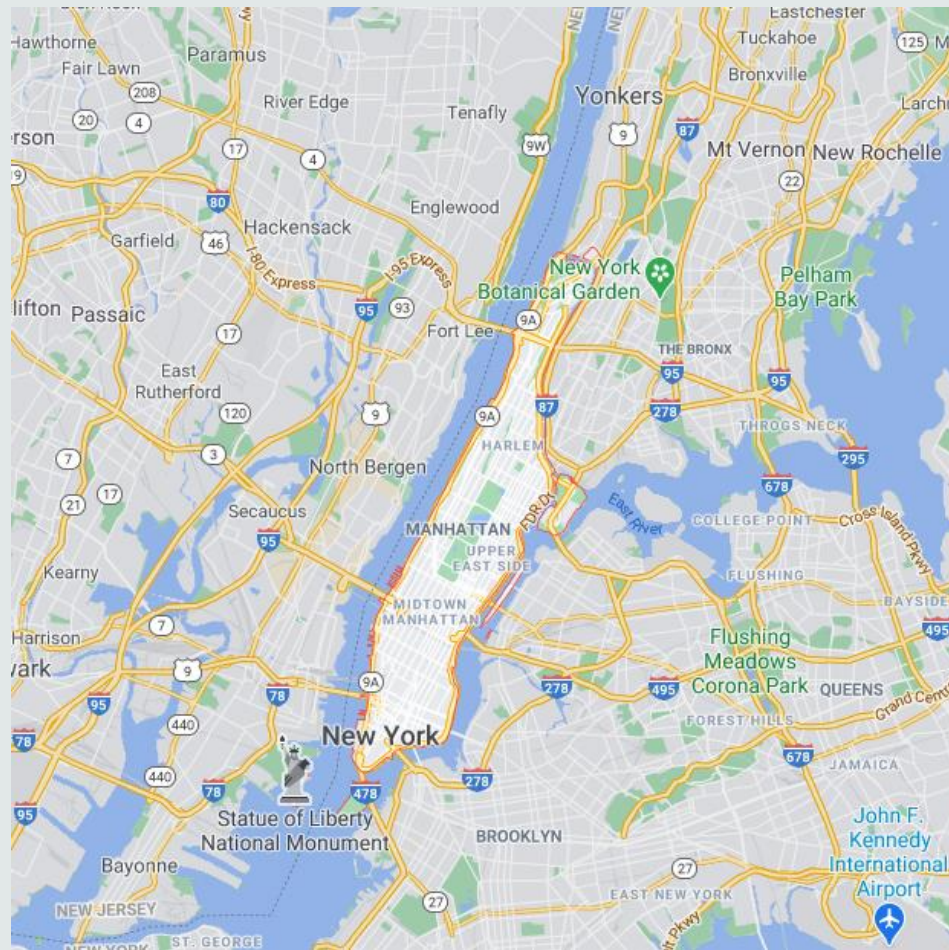
[27]: Borough                Bronx
      Neighborhood          Parkchester
      ID                4b4929d2f964a520656826e3
      Name                Taqueria Tlaxcali
      Likes                131
      Rating                9.1
      Tips                73
      Name: 7, dtype: object

[28]: # Restaurant with maximum Tips
mexican_stats_nyc.iloc[mexican_stats_nyc['Tips'].idxmax()]

[28]: Borough                Brooklyn
      Neighborhood          South Side
      ID                430d0a00f964a5203d271fe3
      Name                Taco Chulo
      Likes                209
      Rating                7.9
      Tips                88
      Name: 46, dtype: object
```

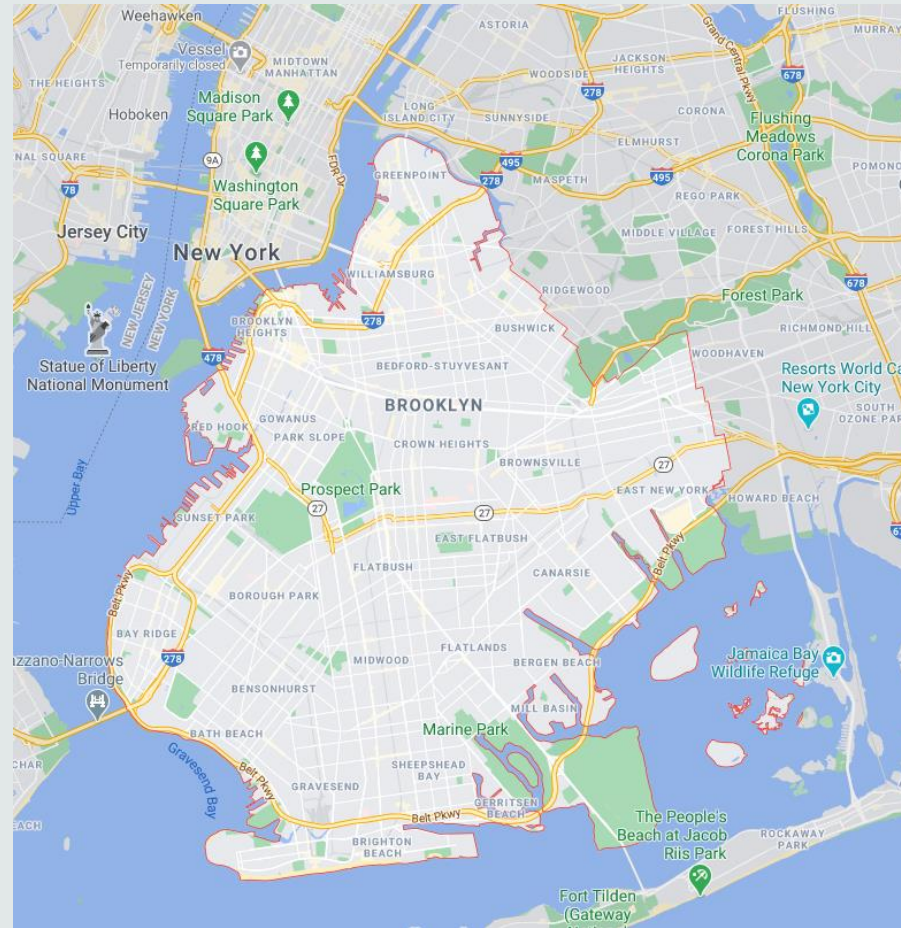
- + With that said, some valuable information that we need to note here is that although Manhattan is always in first place based in these data, the restaurants with the most likes and best tips are the ones from Brooklyn, and as a matter of fact the BEST Mexican restaurant was rated with 9.1 and this restaurant was from the Bronx, who is in third place on average.

Facts



- + Manhattan is the most densely populated of New York City's 5 boroughs. It's mostly made up of Manhattan Island, bounded by the Hudson, East and Harlem rivers. Among the world's major commercial, financial and cultural centers, it's the heart of "the Big Apple." Its iconic sites include skyscrapers such as the Empire State Building, neon-lit Times Square and the theaters of Broadway. (Google,2020)

Facts



- + Brooklyn is a borough of New York City, co-extensive with Kings County, in the U.S. state of New York. It is the most-populous county in the state, the second-most densely populated county in the United States, and New York City's most populous borough, with an estimated 2,648,403 residents in 2020. (Google, 2020)



- + Map showing the rated restaurants in NYC. We can't really rely on this because it is not showing all restaurants due to Foursquare limitations. With this map you can say that Brooklyn is the best place, but we need to remember that Manhattan has the same # of restaurants and it is the most densely populated of New York City's 5 boroughs.

Conclusion

- + Although Queens has the most neighborhoods Manhattan and Brooklyn managed to have the most Mexican Restaurants with a total of 40 each. Based only on this information we can say that Manhattan and Brooklyn should be our place to open a new restaurant. Doing more research, in tie for third place is Queens & Bronx with more than 15. These Boroughs will be the "top 3" options. As for the neighborhoods we have that Bushwick, East Village and Noho are the ones with more restaurants (4), so although Manhattan and Brooklyn are tied with 40 Restaurants each, since Noho & East Village are from Manhattan, Manhattan would be the best Borough for opening a new Mexican Restaurant based on this information.
- + Further analysis leads us that Manhattan has the best Average rating for Mexican restaurants, second place Brooklyn and third place the Bronx, I must note that this last information was limited to only 50 ratings from 306 restaurants, it is a very small sample from the total restaurants but due to Foursquare limited calls these is the most information I can gather with a free account.
- + With that said, some valuable information that we need to note here is that although Manhattan is always in first place based in these data, the restaurants with the most likes and best tips are the ones from Brooklyn, and as a matter of fact the BEST Mexican restaurant was rated with 9.1 and this restaurant was from the Bronx, who is in third place on average & that would be the place to have the best Mexican food, the place is called "Taqueria Tlaxcali" I'm guessing you will have the best tacos in NYC.
- + Based only on these data we can conclude that Manhattan should be the best choice for opening a restaurant, further analysis needs to be done in order to get the whole data and make a better decision for the investor.