

Exploratory Data Analysis – MTA Data

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OUTLINE

Introduction



Data Used
Analysis



Conclusion
Q&A



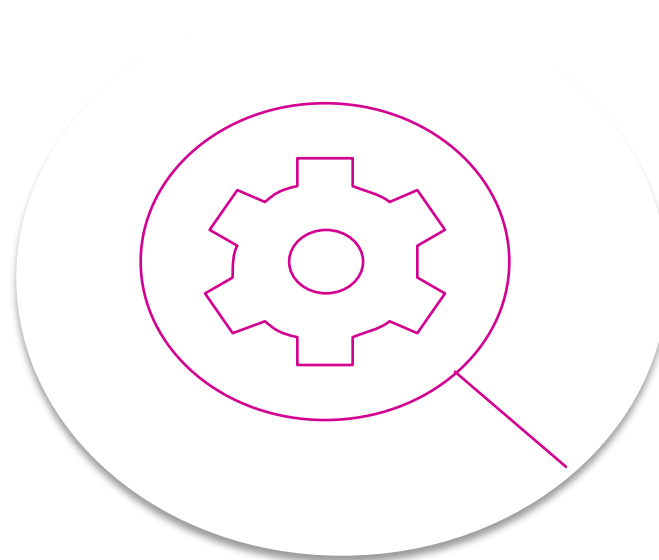
Introduction

- **NYC subway established around 1904**
- **The current map of it has not change since 1979**
- **Propose to NYC Transit Authority to be prepared for the next ten year of increasing population**

Data Used

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**New York City: MTA
turnstile data**

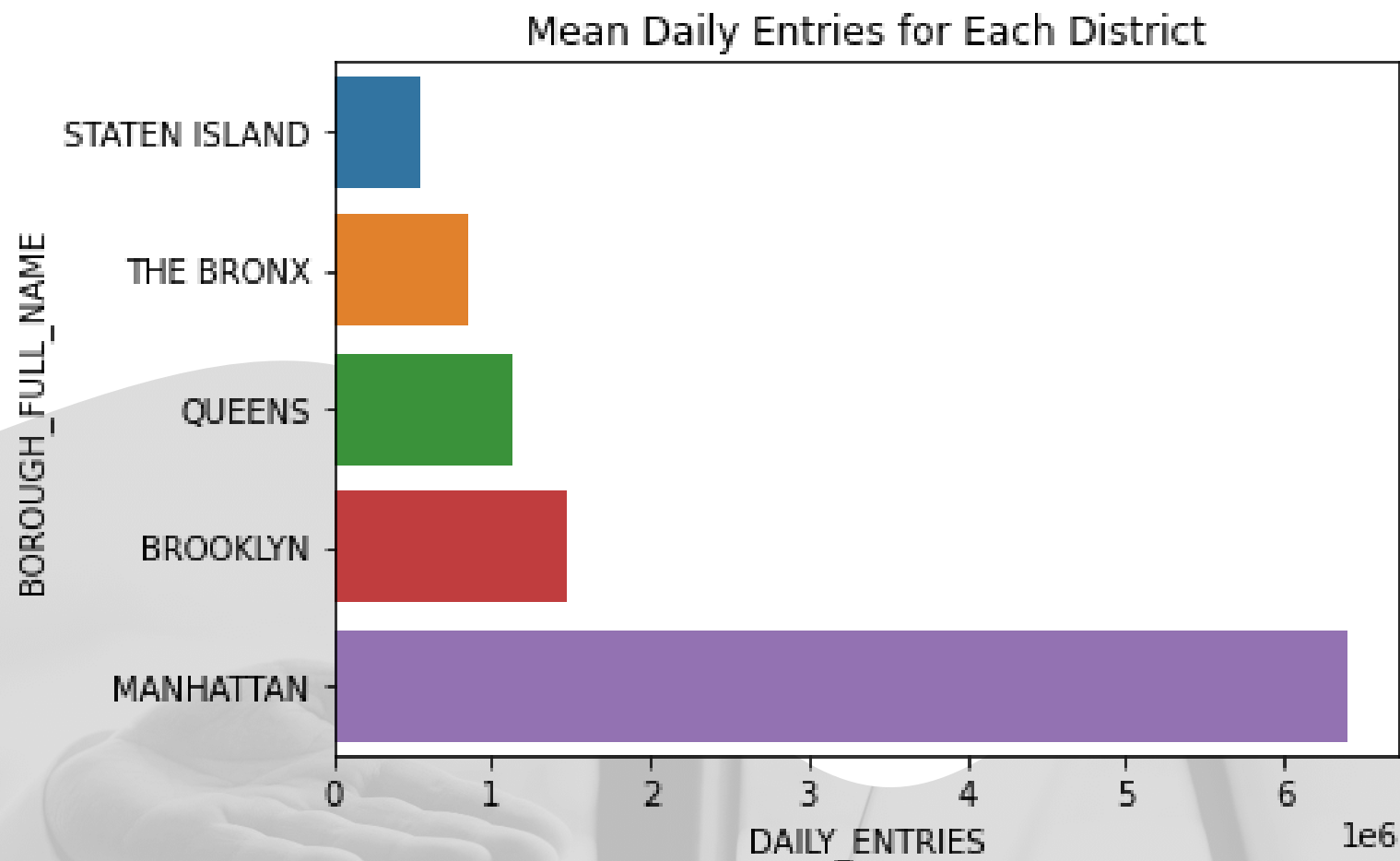
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**Projected Population
2010-2040 - Summary**



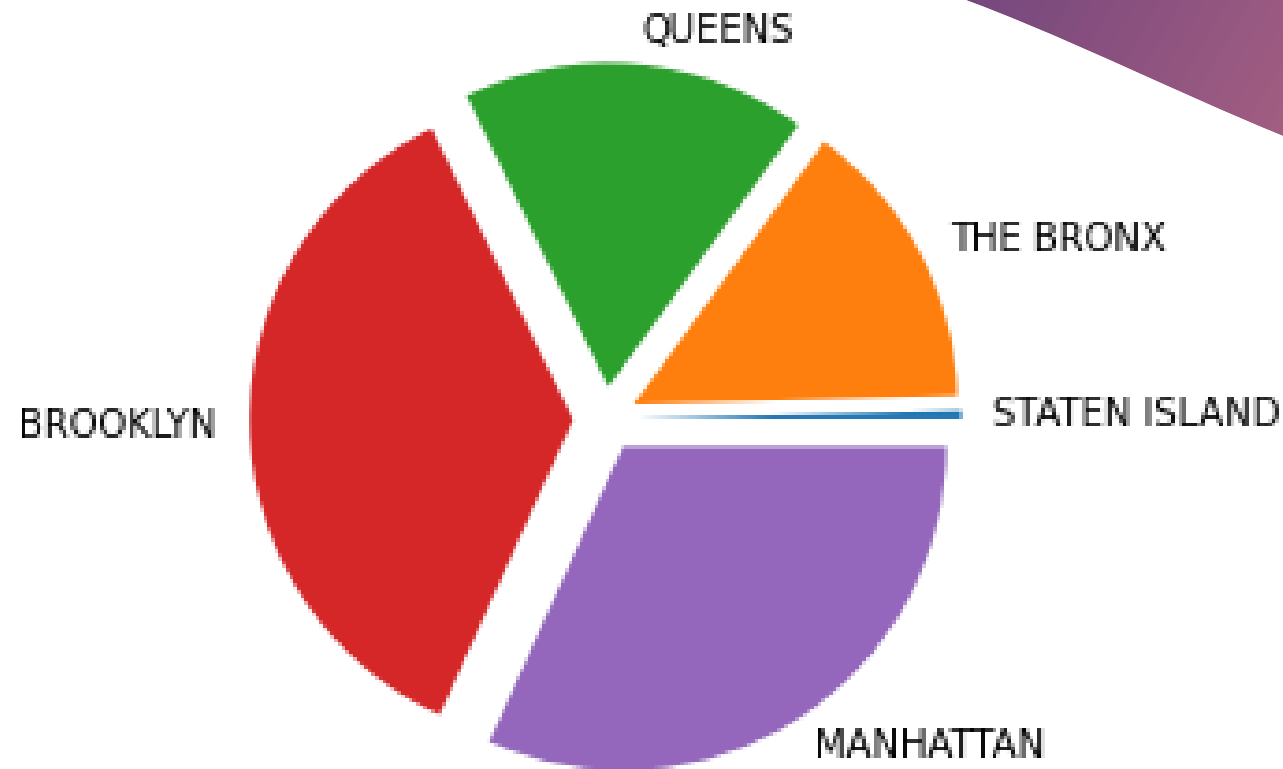
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**NYC Transit Data
Turnstiles Station List**

Analysis

Each borough and
it average daily
entire



Analysis

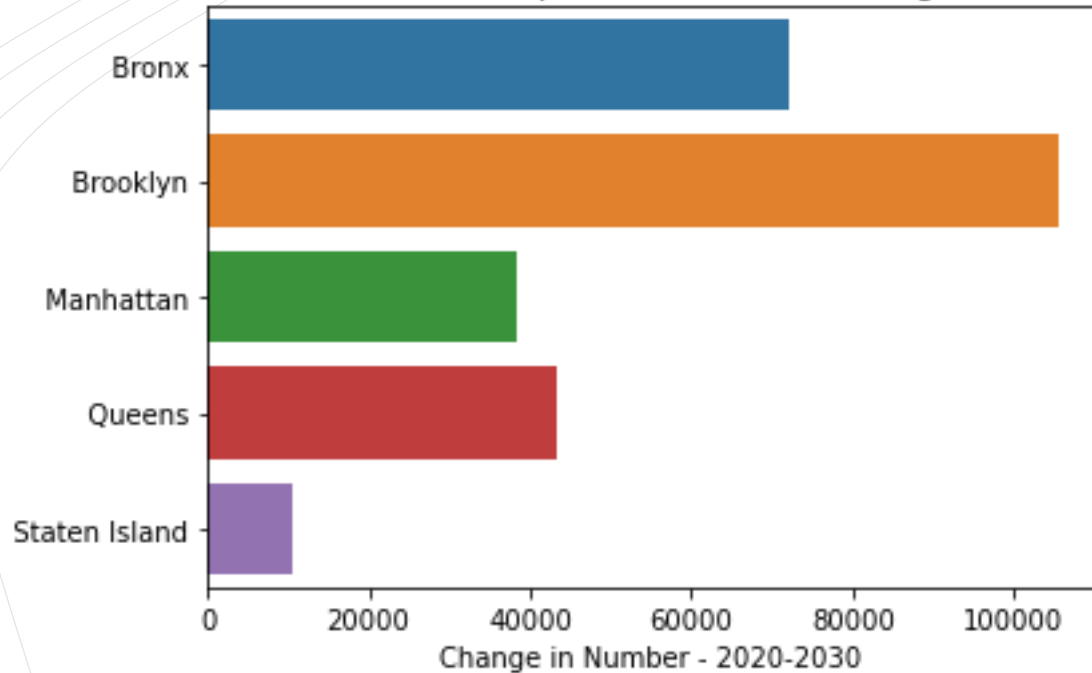


Here is the total numbers of station
per borough

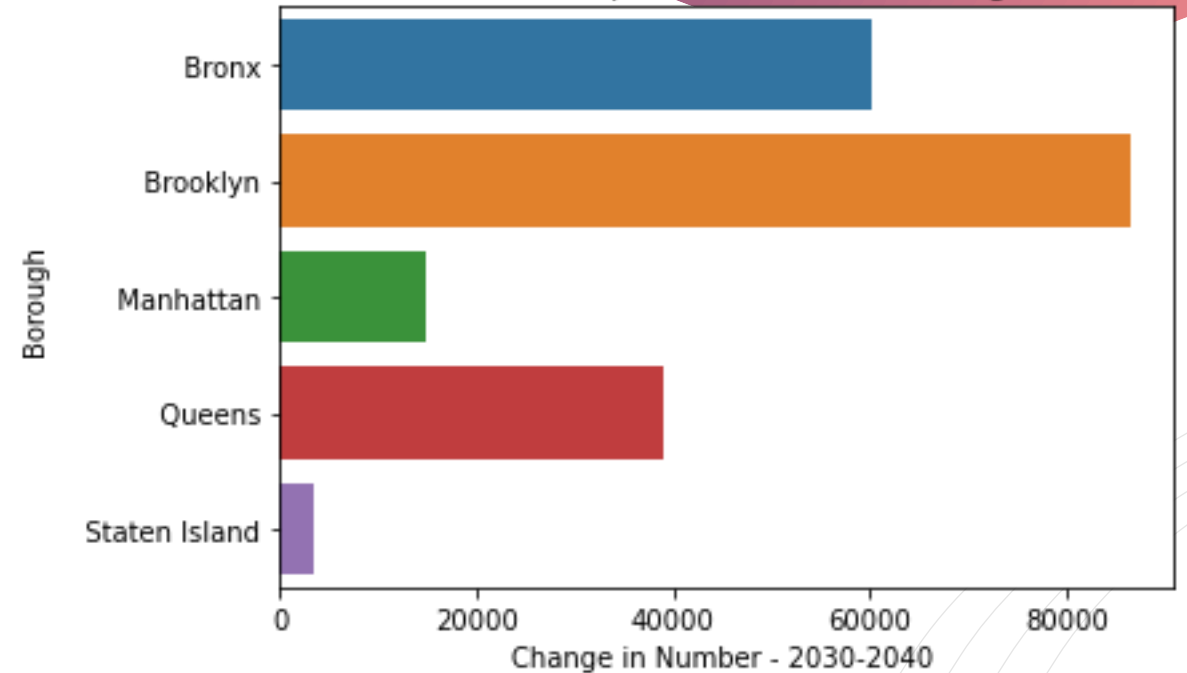
[180,611,19,722,15,118,13,338]

Analysis

Increase Population for Each Borough



Increase Population for Each Borough



Projected population increase per borough
From 2020 to 2040

Conclusion

Most of the daily entries
come from Manhattan

Brooklyn & Manhattan
have the majority of stations

Future increase in population
in Bronx & Brooklyn

Thanks for Listening
Any Questions?

