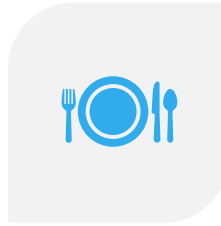


The background is a dark blue gradient with abstract green and blue geometric shapes. Overlaid on this are various white line-art elements: concentric circles, horizontal lines, and a hexagonal cluster in the bottom right corner.

# Capstone Project - The Battle of Neighborhoods (Week 2)

The Best Chinese Restaurant Locations in NYC

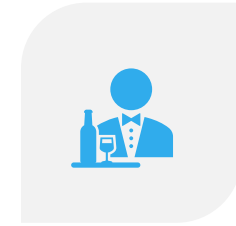
# Background



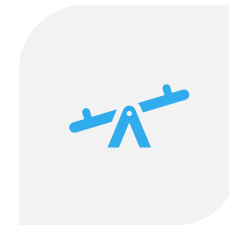
CHINESE CULINARY  
CULTURE IS EVER  
GROWING OVER THE  
WORLD



NYC AS THE ONE OF THE  
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ENDORSE COLORFUL  
FOOD CULTURE



THE RESTAURANT  
BUSINESS IN NYC IS  
ALREADY HIGHLY  
COMPETITIVE



OPPORTUNITIES ARE  
STILL THERE!

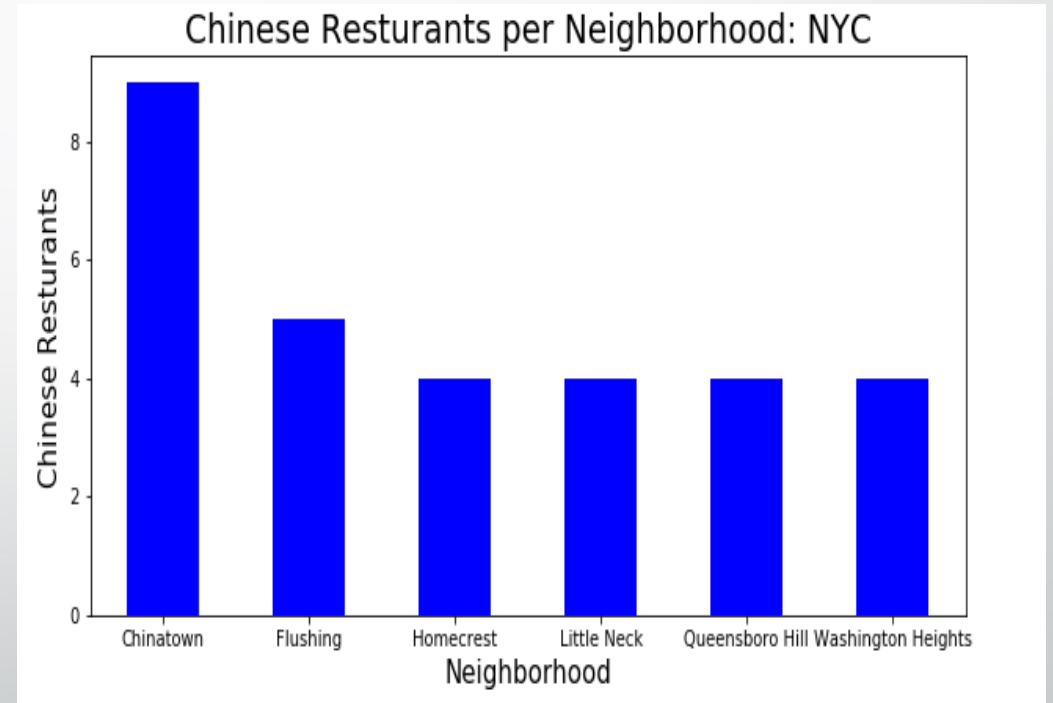
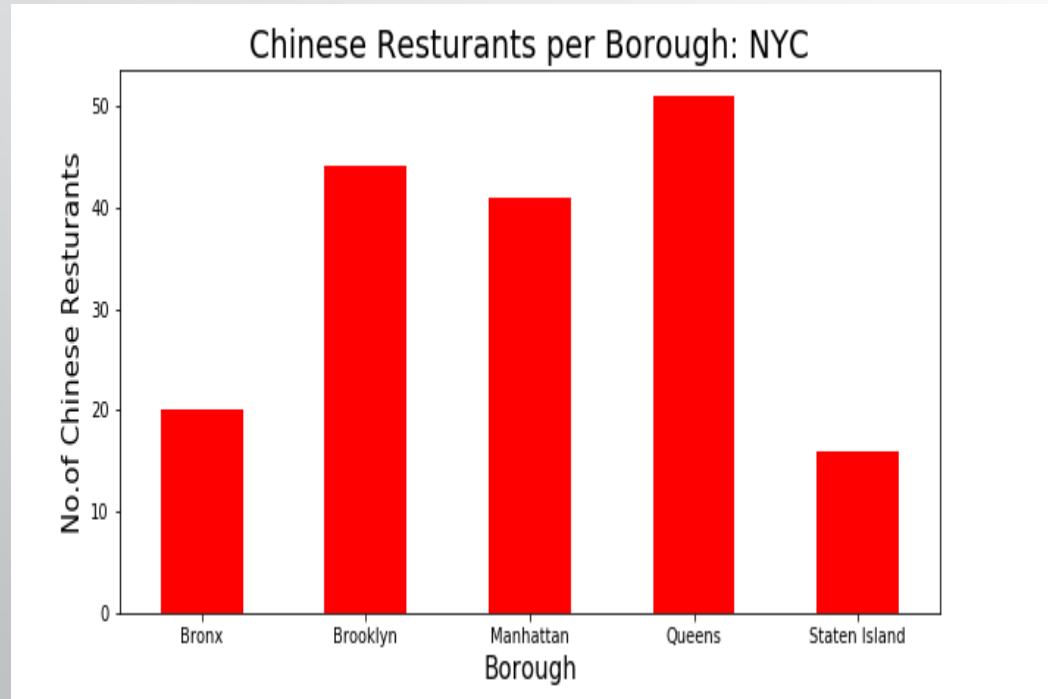
# Data

- The project extracts aforementioned N.Y.C neighborhoods data containing their Geolocations from [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset) for its accessibility.
- N.Y.C neighborhood boundaries acquired from the data source, which is a pre-made json file: <https://gist.github.com/benjycook/b6ec3c7b5cfo5f1occdb11e3c3497d10> Other relevant data comes from Foursquare API and Libraries in Python.

# Objective

- What is the best upcoming location for a Chinese restaurant in NYC?
- Amongst different options, which Neighborhoods will optimize the chance to have a successful restaurant?

# NYC Neighborhood Battles

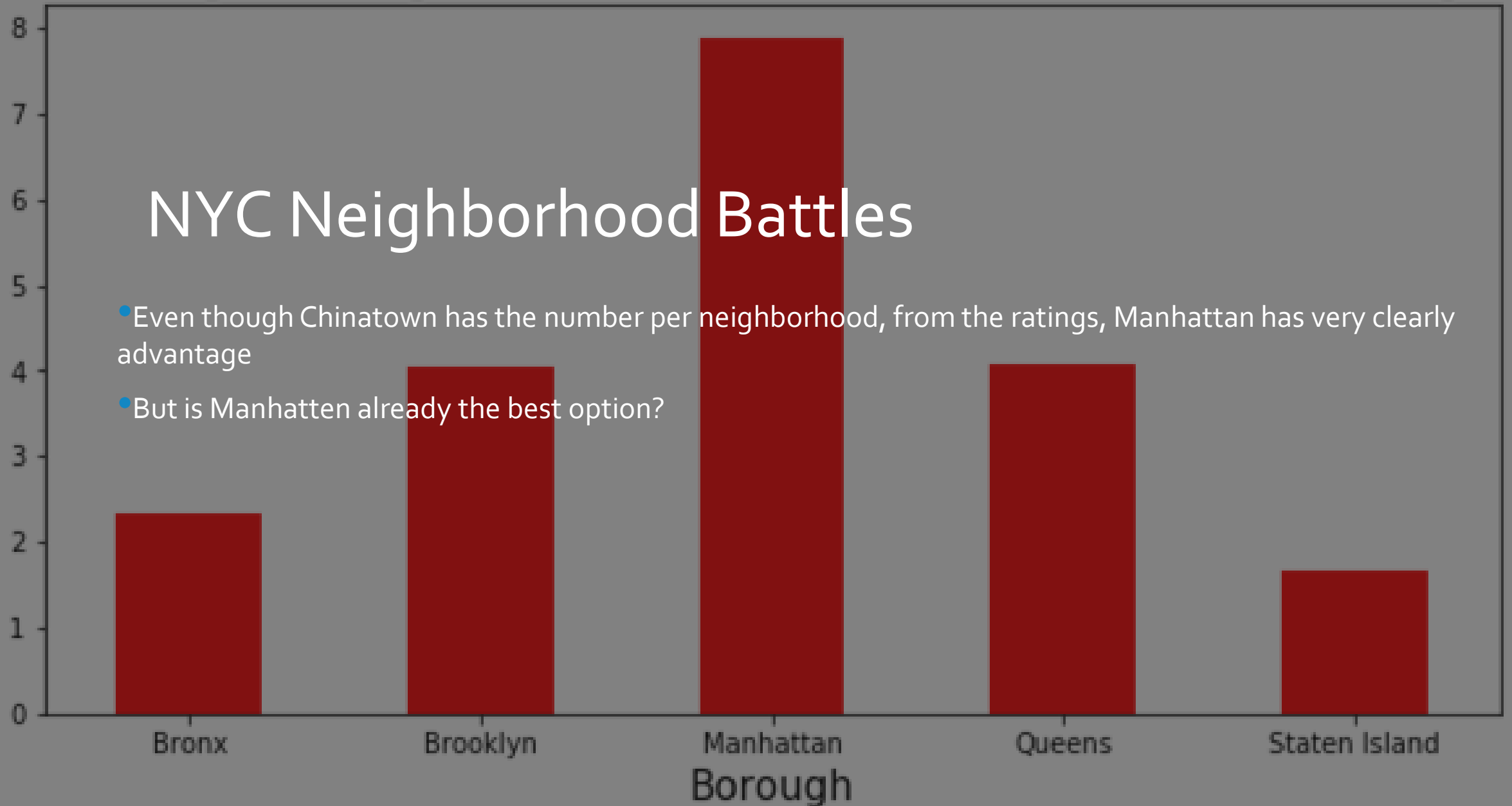


Queens have the largest amount of Chinese Restaurant but when it come to per Neighborhood, Chinatown Has taken advantages on numbers due to historical reasons.

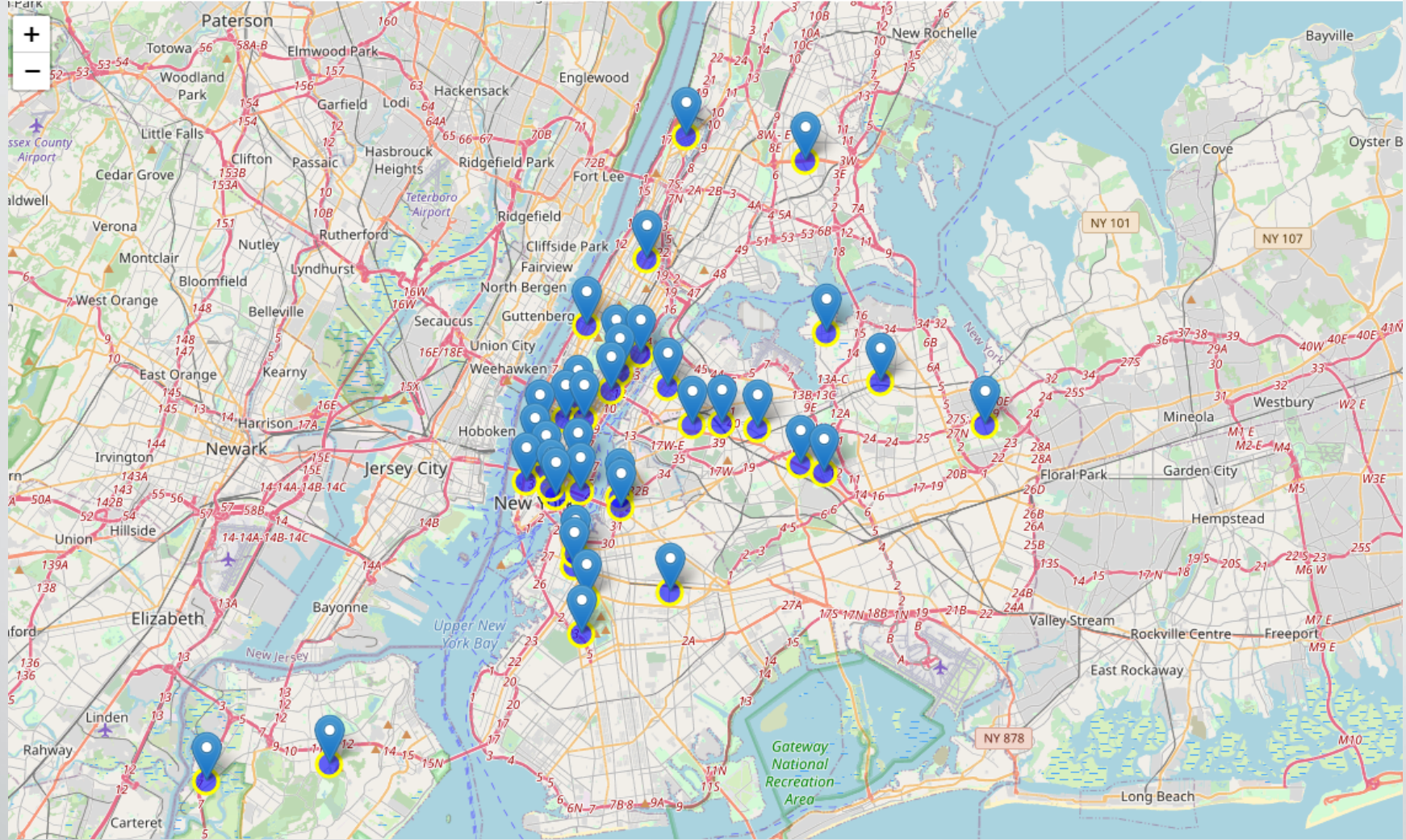
# Average rating of Chinese Restaurants for each Borough

## NYC Neighborhood Battles

- Even though Chinatown has the number per neighborhood, from the ratings, Manhattan has very clearly advantage
- But is Manhattan already the best option?







# Visualization of Data

All Chinese restaurants that are rated above 7.0 in NYC





# Findings

- It could be economic to consider uprising neighborhoods that still have potential such as Flushing and Homecrest

- For Borough, Brooklyn could be optimal
- If the funding is allow, Manhattan should be the fist choice!