



Best place for Italian restaurant in Manhattan



Introduction

- The purpose of this Project is to help potential new restaurant owners to find the best possible place to open a new Italian restaurant in the Manhattan area.
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- In this project we will take into account the number of existing restaurants in neighbourhoods and population count.



Data

- Number of existing restaurants in the neighborhood
- Neighborhood names
- Neighborhood Latitude
- Neighborhood Longitude
- Venue Latitude
- Venue Longitude
- Venue Category
- Population Count

Exploratory Data Analysis

- Total 80 neighborhoods in Manhattan.
- Total of 246 Italian restaurants in Manhattan





Exploratory Data Analysis

- The most populated neighbourhood is Midtown.
- there are 7 neighbourhoods that have only two Italian restaurants:
 - Battery Park City,
 - Chinatown
 - Washington Heights
 - Midtown South
 - Hamilton Heights
 - Manhattan Valley
 - Lower East Side

Rank	Neighborhood	Population
1	Midtown	391371
2	Lower Manhattan	382654
3	Harlem	335109
4	Upper East Side	229688
5	Upper West Side	209084
6	Washington Heights	158318
7	East Harlem	115921
8	Chinatown	100000
9	Lower East Village	72957
10	Alphabet City	63347



Conclusion

- In this analysis there are 2 winners.
- **Midtown** and **Washington heights**
- Chinatown is also a potential candidate, but who is going to start looking Italian restaurant in Chinatown?