



The Battle of the Neighborhoods

FRENCH CUISINE WITH RAPHAELLE THERVET

Business Problem

Background

27,043 restaurants In NY

French Cuisine is in style
Thanks to new chefs like
Alain Ducasse and
Gilles Verot

Problem

What is the ideal
location for a new
French restaurant ?

Where to stay in NY to
have great French
Cuisine ?

Interest

For anyone looking to open
a restaurant

For any tourists wanting
to plan their culinary
holiday

Data

- Foursquare API

To find and filter all the different French restaurants in each neighbourhood and find ratings, tips, and like count of each restaurant.

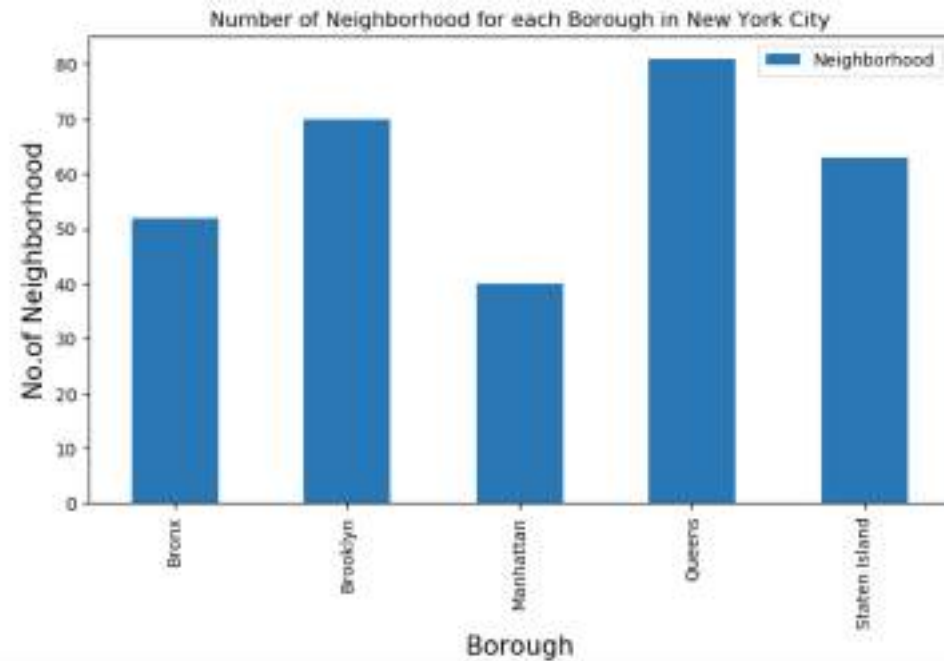
- A New York city data

To find the list of boroughs and neighbourhoods, along with their latitude and longitude

- the geospace data

To create boundaries between the borough, to have a better visualization on maps created.

Boroughs & Neighbourhoods



- Queens and Brooklyn have the highest number of neighbourhoods, Manhattan has the least.

French cuisine is very well rated !

[20]:

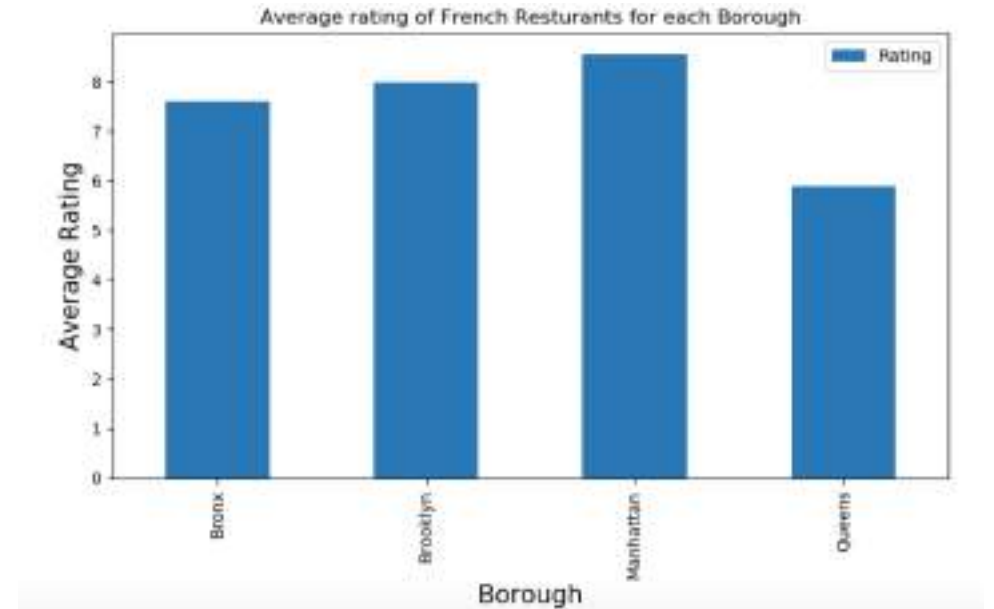
	Likes	Rating	Tips
count	38.000000	38.000000	38.000000
mean	187.342105	8.073684	64.473684
std	317.882800	1.464846	92.017547
min	0.000000	0.000000	0.000000
25%	17.250000	7.900000	10.250000
50%	101.500000	8.200000	34.500000
75%	221.000000	8.600000	77.250000
max	1851.000000	9.300000	519.000000

- Most restaurants are highly rated, with more than 50% of all French restaurants with a rating higher than 8.2.

Boroughs & Restauration

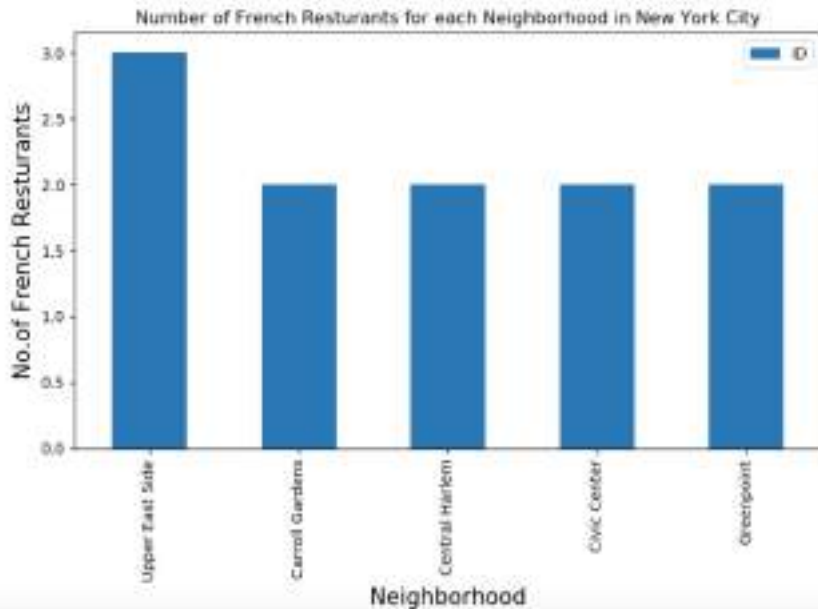


	Borough	Average Rating
2	Manhattan	8.545455
1	Brooklyn	7.972727
0	Bronx	7.600000
3	Queens	5.875000

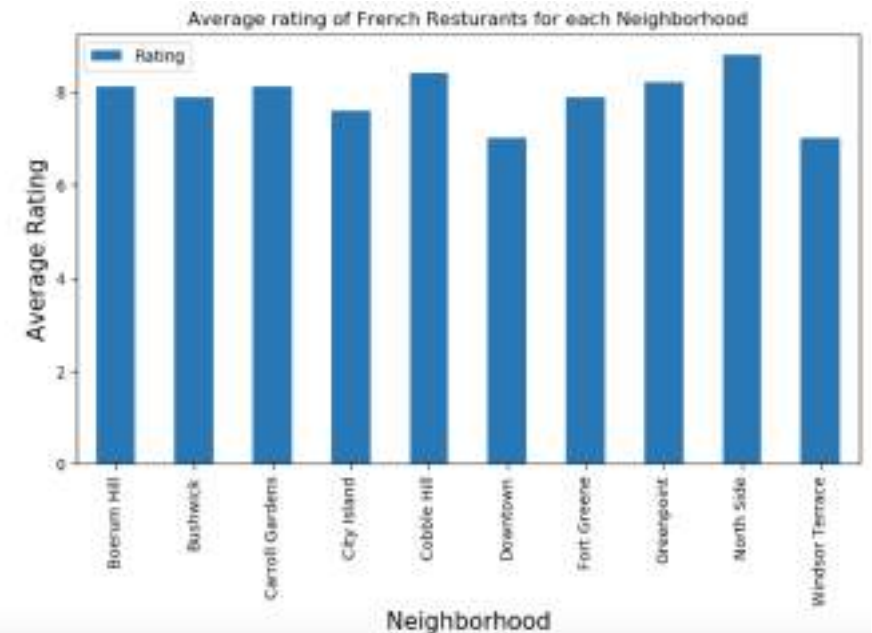


- ▶ Manhattan has the highest number of French restaurants, and the best rated one.
- ▶ The second best is Brooklyn, for both number of restaurants and ratings.

Neighborhoods & Restauration

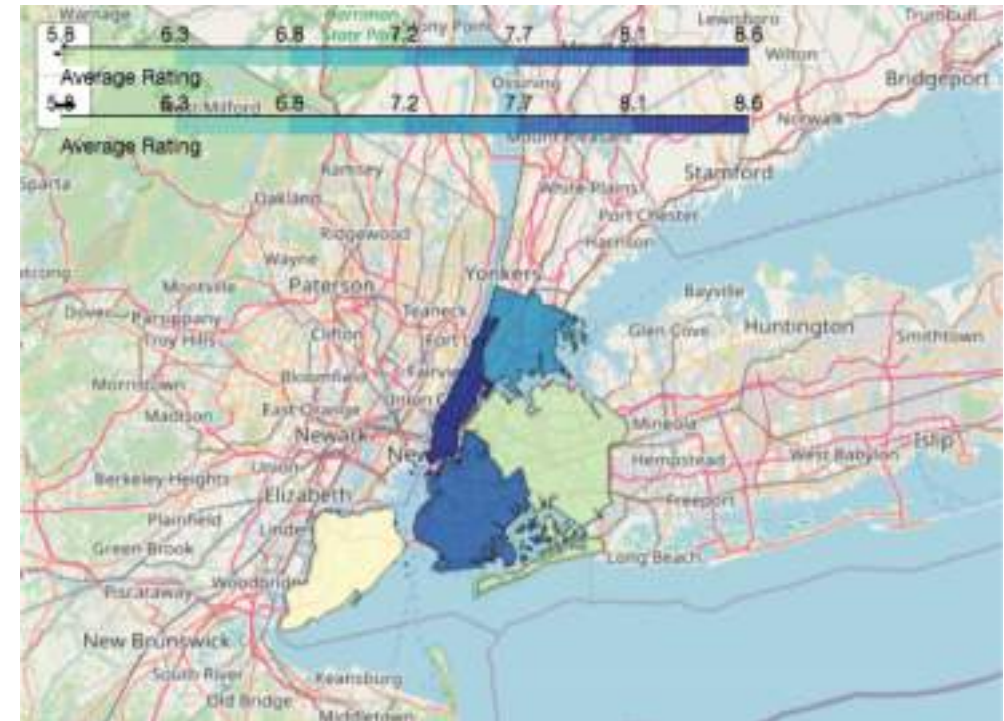
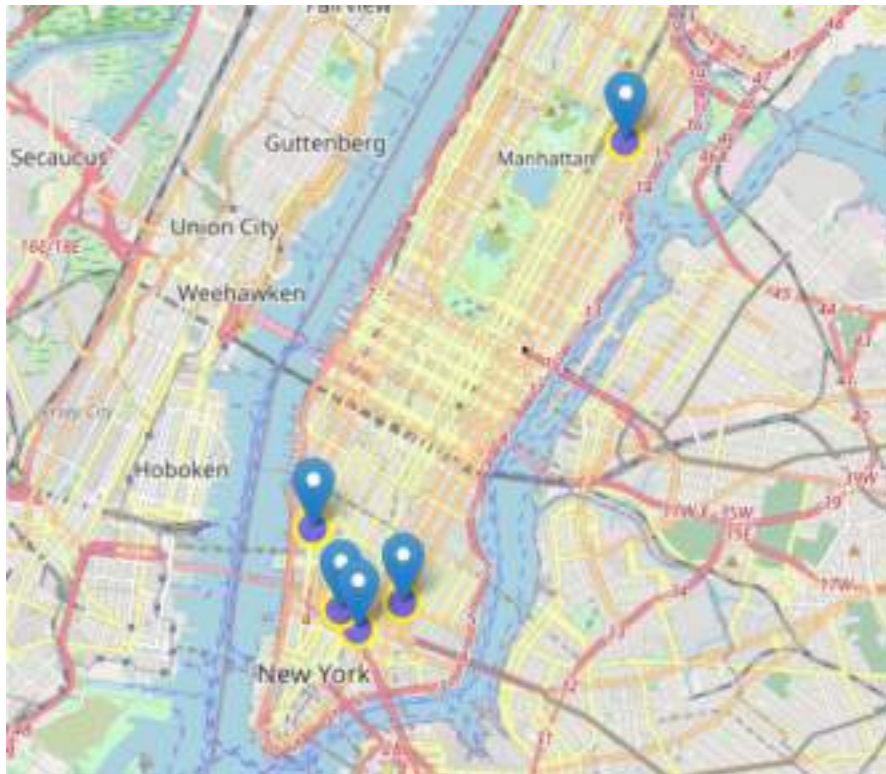


	Neighborhood	Average Rating
10	East Harlem	9.3
27	West Village	9.2
23	Soho	9.2
17	Little Italy	9.2
21	Noho	9.1
13	Greenwich Village	8.9
22	North Side	8.8
18	Lower East Side	8.7
14	Hunters Point	8.5
8	Cobble Hill	8.4



- ▶ Upper East Side has the most number of restaurants
- ▶ East Harlem and West Village has the best rated French restaurants

100



Conclusions

Manhattan and **Brooklyn** are the best locations for French cuisine in NYC.

To have the best shot at success, i would open a French restaurant in **Brooklyn**, because it has multiple neighbourhoods with average ratings exceeding 8.0 of a scale of 1.0 to 10.0 and it doesn't have a high number of French restaurants

Queens has the lowest average ratings of French restaurants, so it can be good to look into opening a restaurant there, since competition will be bad.

If you just want to have the best French cuisine, you should go to **xxx** or just stay in Manhattan, especially in **East Harlem** or the **West Village**.