

# Introduction

## **1.1 Background**

Many people love trying different things, different food, different drinks, but not all these adventures have a good end.

## **1.2 Problem**

How can people find a good place to try new food for example and after eating become satisfied of his adventure?

This project aims to find the best Egyptian restaurant in New York that has good rating, likes and tips.

# Data

I will use :

1. [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset): to get the data.
2. Foursquare API: to get all the venues in each neighborhood. We can filter these venues to get only Egyptian restaurants.
3. GeoSpace data: to visualize the data

# Analysis

By analyzing the data I found that there are only 3 Egyptian restaurants in New York as the following:

	Borough	Neighborhood	ID	Name
0	Manhattan	Little Italy	5d8e37f352f64b000873b779	Zooba
1	Manhattan	Soho	5d8e37f352f64b000873b779	Zooba
2	Queens	Ridgewood	550b13c6498e8b5069630cee	Little Egypt

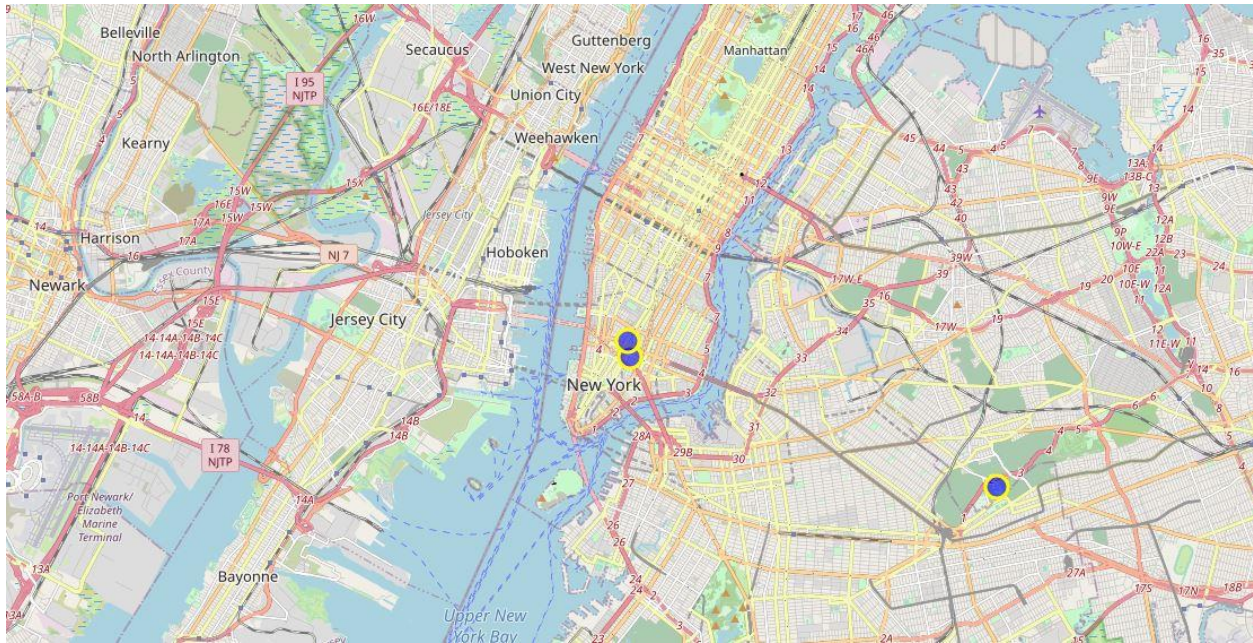
Then I added the stats of each restaurant and I get that:

	Borough	Neighborhood	ID	Name	Likes	Rating	Tips
0	Manhattan	Little Italy	5d8e37f352f64b000873b779	Zooba	52	8.4	16
1	Manhattan	Soho	5d8e37f352f64b000873b779	Zooba	52	8.4	16
2	Queens	Ridgewood	550b13c6498e8b5069630cee	Little Egypt	11	8.1	4

After that I added the location of each restaurant :

	Borough	Neighborhood	ID	Name	Likes	Rating	Tips	Latitude	Longitude
0	Manhattan	Little Italy	5d8e37f352f64b000873b779	Zooba	52	8.4	16	40.719273	-73.998215
1	Manhattan	Soho	5d8e37f352f64b000873b779	Zooba	52	8.4	16	40.722880	-73.998750
2	Queens	Ridgewood	550b13c6498e8b5069630cee	Little Egypt	11	8.1	4	40.689123	-73.886463

Finally I made a map for the restaurants :



The blue circles are the restaurants.

## Observation

After analyzing these data I found that the best restaurant according to the rating, likes and tips it was Zooba in Little Italy

## Conclusion

The number of Egyptian restaurants in New York is very small.

The best restaurant is Zooba in Little Italy then Zooba in Soho then the last one is Little Egypt in Queens.

**THANKS !**