

# Where to open a Greek restaurant in New York City?

IBM Capstone Data Science Project

Ronald Vieira

## 2. DATA

In order to determine the possible options for opening a new restaurant, the data on New York City neighborhoods and boroughs to include boundaries, latitudes, longitudes, restaurants, restaurant ratings and tips are required:

- New York City data that contains list Boroughs, Neighborhoods along with their latitude and longitude.
  - Data source : [https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset)
  - Description: This data set contains the required information. And we will use this data set to explore various neighborhoods of New York City
- Greek restaurants in each neighborhood of New York City.
  - Data source : Foursquare API
  - Description: By using this API we will get all the venues in each neighborhood. We can filter these venues to get only Greek restaurants.
- GeoSpace data
  - Data source : <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm>
  - Description: By using this geo space data we will get the New York Borough boundaries that will help us visualize choropleth map.