

## **Neighborhood Analysis - Italian Restaurants in New York - Part 1**

### **Introduction:**

New York City's demographics show that it is a large and ethnically diverse metropolis. Nearly half of New York state's population lives in New York city. Hundreds of languages are spoken in the city and you will be surprised to know that in some areas English is spoken only by 25% of the people. The city is a major gateway for immigrants into the United States.

This ethnic diversity also brings cuisines from all over the world to this city including Italian which is one of my favorites. I would like to use the neighborhood information of New York to find a better place to open an Italian restaurant.

### **Business Problem:**

The project is trying to answer the following questions:

1. What's the distribution of Italian restaurants in New York city by neighborhood/borough by numbers and visualization?
2. Which neighborhood has good potential for opening a new Italian restaurant ?  
What are the factors we shall consider ?
3. Which areas/neighborhoods lack Italian restaurants?
4. If you love Italian food, what are some of the best places to live in New York?

### **Data:**

For this project we need the following data:

1. New York City data that contains Boroughs/Neighborhoods along with their latitude and longitude.
2. Italian restaurants in each borough and/or neighborhood of New York city with their Ratings, Tips and, Likes.