

The Battle of the Neighborhoods - Week 1

Introduction:

Background New York City (NYC) is considered as one of the most populous city in the United States. The City comprises of five Boroughs with an estimate population of 8 million people distributed over the areas. New York is known as the City that is populated by people of various ethnic groups. Indians in New York City metropolitan region constitute one of the largest and fastest growing ethnicities in the New York City metropolitan area of the United States. The New York City region is home to the largest Indian American population among metropolitan areas by a significant margin. With the density of population and high level of business activities in New York, NYC is one of the cities that have high potential for a Indian food restaurant.

Problem Statement:

When it comes to Indian food restaurant it can be looked in two ways like.

- Which areas have potential Indian restaurant market.
- What is best place in New York City for Indian Cuisine.

Also, there can be cases where a person would like to open a new business venture. It can be a grocery store, office place or someone starting their own business. What would be the best possible place from where one can start off.

So, in this project we will try to find the solution of above mentioned questions and try to find out best places in New York for Indian Cuisine along with the best borough where a person can start their own business.

Data:

For resolving the above mentioned problems, we need the following data:

- Indian restaurants in each neighborhood of New York City
 - 1) Data Source: Foursquare API
 - 2) Description: By using this API we will get all the venues in each neighborhood. We can filter these venues to get only Indian restaurants
- New York City data which contains list Boroughs, Neighborhoods along with their latitude and longitude
 - 1) Description: This data set contains the required information. And we will use this data set to explore various neighborhoods of New York City
- GeoSpace data
 - 1) Description: By using this geo space data we will get the New York Borough boundaries that will help us in visualizing choropleth map