



THE BATTLE OF NEIGHBOURHOODS

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INTRODUCTION:

- New York City's demographics show that it is a large and ethnically diverse metropolis. It is the largest city in the United States with a long history of international immigration. New York City was home to nearly 8.5 million people in 2014, accounting for over 40% of the population of New York State and a slightly lower percentage of the New York metropolitan area, home to approximately 23.6 million. Over the last decade the city has been growing faster than the region. The New York region continues to be by far the leading metropolitan gateway for legal immigrants admitted into the United States.
- New York City has also been a major point of entry for immigrants; the term "melting pot" was coined to describe densely populated immigrant neighbourhoods on the Lower East Side. As many as 800 languages are spoken in New York, making it the most linguistically diverse city in the world. English remains the most widely spoken language, although there are areas in the outer boroughs in which up to 25% of people speak English as an alternate language, and/or have limited or no English language fluency. English is least spoken in neighbourhoods such as Flushing, Sunset Park, and Corona.
- With its diverse culture, comes diverse food items. There are many restaurants in New York City, each belonging to different categories like Chinese, Indian, and French etc.

PROBLEM:

- To find the answer to the following question:
- Q1) To find best location to start an indian restaurant in neighborhoods of newyork city.

DATA SECTION:

For this project we need the following data:

1. New York City data that contains list Boroughs, Neighbourhoods along with their latitude and longitude.
 - Data source : https://cocl.us/new_york_dataset
2. Indian population in each neighbourhood of New York City.
 - Data source :
 - Description: https://en.wikipedia.org/wiki/Indians_in_the_New_York_City_metropolitan_region
 - This data set contains Indian Population in neighborhoods of Newyork city.
3. Indian Restaurents Information of Queens and its Neighborhoods from Foursquare API.

METHODOLOGY:

1. We begin by collecting the New York city data from the following link "https://cocl.us/new_york_dataset".
2. We will find Number of Boroughs in Newyork City.
3. We will then extract data related to indian population in each Borough .
4. We than visualize the exctracted data.
5. We will then explore the number of neighbourhoods in queen boroughs.
6. Finally extracting data related to indian restaurants in queens borough neighbourhoods to find which neighbourhoods lacks indian restaurants.

CONCLUSION:

So now we can answer the questions asked above in the Questions section:

Answers:

The queens Borough in New York City is great to start an Indian restaurants. Except jamaica, bayside, flushing, queens village, richmond hills, ozone park, remaining all neighbourhood's of queens have lack of indian restaurants.