

# Capstone Project

## The Battle of Neighbourhood

### (Part-1)

#### Introduction:

We can see from the New York City's demographic data that it is very ethnically diverse. It is also one of the largest city in the US. The city's population in 2010 was 44% white (33.3% non-Hispanic white), 25.5% black (23% non-Hispanic black), 0.7% Native American, and 12.7% Asian. Hispanics of any race represented 28.6% of the population, while Asians constituted the fastest-growing segment of the city's population between 2000 and 2010. Throughout its history, New York has been a major port of entry for immigrants into the United States. More than 12 million European immigrants were received at Ellis Island between 1892 and 1924. The term "melting pot" was first coined to describe densely populated immigrant neighborhoods on the Lower East Side. By 1900, Germans constituted the largest immigrant group, followed by the Irish, Jews, and Italians. In 1940, whites represented 92% of the city's population.

With this huge diversity in population there is also a huge diversity in food. There are many different restaurants which provide many different types of cuisine like Chinese, Indian, Italian, etc. Since, Indian cuisine is one of my favourite I have decided to use data regarding Indian restaurants using data obtained from foursquare.com apis and form the capstone project around that idea.

#### Problem:

We will try to deal with the following problems in this project:

- Visualize areas which have restaurants which serve Indian cuisine
- See which areas don't have Indian restaurants
- Best location with Indian Restaurants