

Capstone Project- The Battle of Neighborhoods

Opening Asian restaurant in London

2 Description of the data

To solve the problem, I need data which will help us to understand demographical representation of London so below data will be used in the analysis.

2.1 Data Sources

1. Demonstrate the **Ethnic make-up** of London(2011 Census). This can also be obtained from below link:
https://en.wikipedia.org/wiki/Demography_of_London
2. Find list of all the **boroughs of London**. This data can be obtained from link below https://en.wikipedia.org/wiki/London_boroughs
3. Find demography of London which will give more details about **Racial make-up** of London boroughs (2011 Census). This data can be obtained from below link :
https://en.wikipedia.org/wiki/Demography_of_London
4. Find all **Neighbourhoods of Newham** which can be obtained through web scraping from link below
https://en.wikipedia.org/wiki/London_Borough_of_Newham#Districts
5. Geographical co-ordinates of Boroughs of London and Districts of Newham was obtained with the help of Geopy Library (Geocoding Web Services).
6. I will use Foursquare location data (**Foursquare API**) to explore neighborhoods of Newham and get number of restaurants within defined radius of each neighborhood.