

Description of the Data

For this project we need the following data:

Delhi Neighbourhood Dataset that contains a list of sort Borough, Neighbourhood, latitude and longitude.

Data source: Delhi Neighbourhood Dataset

Dataset: “<https://www.kaggle.com/shaswatd673/delhi-neighborhood-data>”

This data set contains the required information. And we will use this data set to explore various neighbourhoods of New Delhi city.

Nearby places in each locality of New Delhi city.

Data source: Foursquare API: “<https://developer.foursquare.com/>”

By using this API, we can get all the venues info including longitudes and latitudes, reviews and ratings of each venues in the neighbourhood.

Approach

- Collect the necessary the New Delhi city data from Delhi Neighbourhood Dataset that we downloaded from Kaggle

- Using Foursquare API, we will find all venues for each neighbourhood.

- Filter out all venues that are nearby by locality.

- Cluster the neighbourhoods and find the best neighbourhoods in

the cluster for opening an Italian Restaurant

- Visualize the best neighbourhoods for the new restaurant using folium library on a map