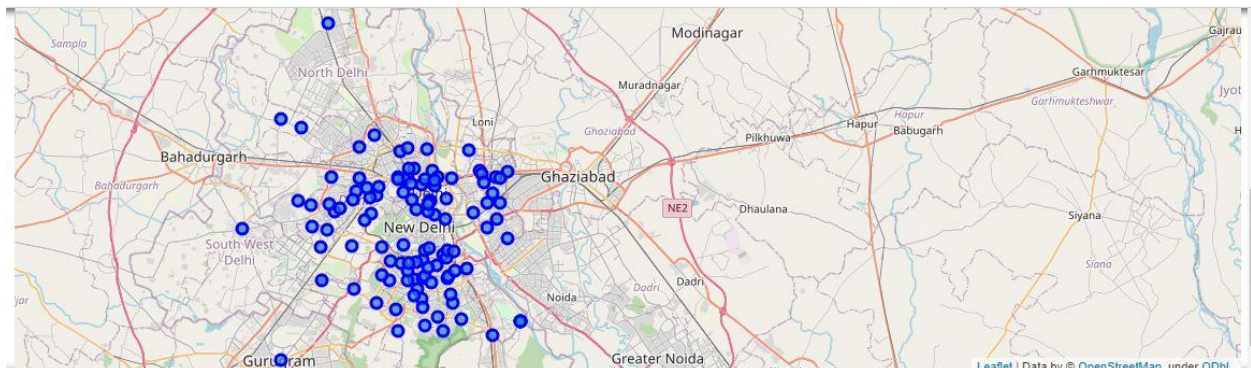


## Data Acquisition and preparation

In this section we will first retrieve the geographical coordinates( latitude and longitude) of Delhi using geopy library. Then we will leveraging the Foursquare API to retrieve url that return raw data into json format. Which we will scrap the raw data from the json and pick-up necessary columns. acquire the names and boroughs of the neighborhoods by scrapping a wikipedia page. After we have got the names of all the neighborhoods, we will geocode them using the library geopy.geocoder (Nominatim). Next, we use the foursquare API to find all types of restaurants within a 1000 meter radius for every neighborhood.

## Methodology and Analysis

First we used Folium library to plot the geographical coordinates onto map for better visualization from the data.



## Heat map for analyzing the density of restaurants

