

BATTLE OF NEIGHBORHOODS

Introduction

The world is big, but having multiple ways of transportation made it small. Today everyone is looking for new opportunities and to grab these one need to move out of the town and sometime to other cities. This is a problem for many, as they are not aware of the new city, and feels lost in the new city. One of the main problem is finding a place to stay. Most of the time people want to have same amenities near their place which they used to have at their old place, and rest want only some of the important facilities near their place. But both being equally difficult. To conquer this problem one need to compare the two cities and the place they used to live before and then make a choice whether or not the new place is suitable for them. TO compare the cities we'll be requiring list of venues near the Neighbourhood and to get done with this the foursquare API will be useful. And finally choosing the place that fits in criteria and best out of rest. Solving this problem will help the people living in the different cities but planning to move to other, or the person living in the same city is planning to move somewhere else within the same with same facilities. Using this will ease them to choose and pick their future place.

Data

IN order to achieve this first we need to gather that data. Firstly we need to get the data regarding the location and name of the city we used to live previously. The data for the new city we are planning to move. In this case Delhi is considered to be current city whereas Mumbai will be the future city. After collecting the geospatial data regarding the two cities. We need to find out the places or venues near a place, and foursquare API will be taking care of this. Now we have the location data for the neighbourhood and the places near them. So now it'll will become easy to compare the two cities.

The Name of neighbour of Delhi and Mumbai will be taken from Wikipedia this will be in the html format, So we need to do some web scrapping and take out the required data from it and leave the rest of the data.

Location data is taken from OpenStreetMap Nominatim. This is require in order to use foursquare API because it needs the location of the place that is latitude and longitude to find the places nearby

And finally the list of venues near the neighbourhood is taken from Foursquare API. Using this we will get all the venues near that location with some other information like the category, location, tips etc. we will take the name of the venues, categories of venues and location of them