**The Battle of Neighborhoods**

**Introduction/ business plan**

This project aims to find similar neighborhoods in city of Delhi, India for an individual moving from Dwarka to New Delhi due to better economic opportunities.

Our subject has his house located in Dwarka, he loves his neighborhood mainly because of all the amenities and facilities such as parks, pharmacies, schools, malls, shopping centers, hospitals he gets in his neighborhood.

He receives a very good job offer from a reputed company located on the opposite side of the city i.e. New Delhi. However, given the far distance from his current place if he decides to take up the job offer, he must relocate to the New Delhi. He is willing to take up the job offer but wants to move to a neighborhood in New Delhi which is like his current neighborhood in Dwarka.

In this project we will help our subject find a similar neighborhood in New Delhi.

**Data**

The project takes data mainly from 3 sources:

1. <https://api.foursquare.com>

Foursquare helps us with the API calls connecting to their database for locational data.

1. <https://ceodelhi.gov.in/Content/EntireDelhiLocalities.aspx>

This dataset is taken from the website of election commission of India. Dataset contains Boroughs and neighbourhoods in the city of Delhi.

1. My own database named delhi\_lat\_lon\_dataase which I have prepared using geocoder and election commission dataset.