**Capstone Project - Recommending Toronto Neighbourhoods to Immigrants**

**Data Sources :**

1. Toronto Neighbourhoods Post Codes

<https://en.wikipedia.org/w/index.php?title=List_of_postal_codes_of_Canada:_M&oldid=890001695>

| **Postcode** | **Borough** | **Neighbourhood** |
| --- | --- | --- |

1. Co-Ordinates Data ( Geospatial\_Coordinates.csv )

| **Postal Code** | **Latitude** | **Longitude** |
| --- | --- | --- |

1. Four Square Data on Toronto Neighbourhoods/ Venues

'[https://api.foursquare.com/v2/venues/explore?&client\_id={}&client\_secret={}&v={}&ll={},{}&radius={}&limit={}'.format(](https://api.foursquare.com/v2/venues/explore?&client_id=%7B%7D&client_secret=%7B%7D&v=%7B%7D&ll=%7B%7D,%7B%7D&radius=%7B%7D&limit=%7B%7D%27.format() CLIENT\_ID, CLIENT\_SECRET, VERSION, Neighbourhood\_latitude, Neighbourhood\_longitude, radius, LIMIT)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Neighbourhood | Neighbourhood Latitude | Neighbourhood Longitude | Venue | Venue Latitude | Venue Longitude | Venue Category |

The above database will be used to provide the required analysis and build a Neighbourhoods recommendation system for the new immigrants