# Battle of Neighborhoods
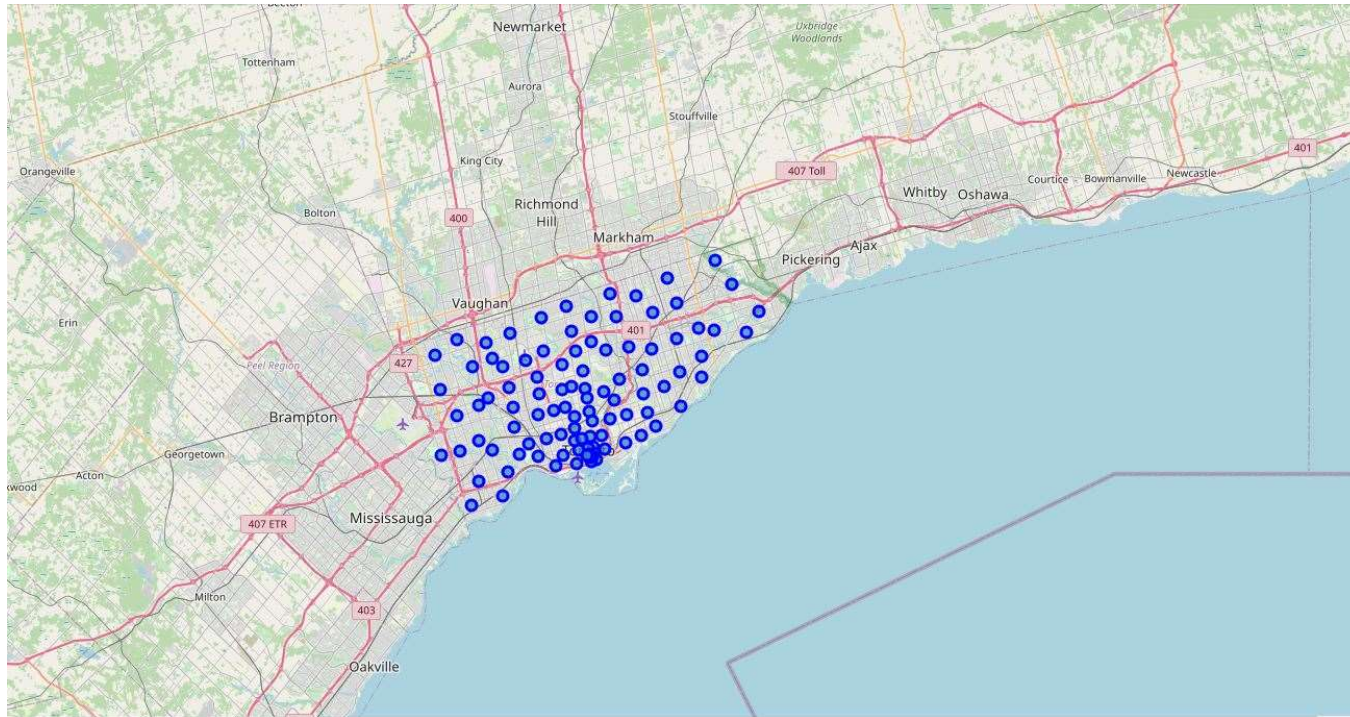
COURSERA - CAPSTONE

# 1. Introduction:

- The purpose of this Project is to help people in exploring better facilities around their neighborhood

- This project is for those people who are looking for better neighborhoods

- This Project aim to create an analysis of features for a people migrating to Scarborough to search a best neighborhood as a comparative analysis between neighborhoods.

- It will help people to get awareness of the area and neighborhood before moving to a new city, state, country or place for their work or to start a new fresh life.

# 2. Data Section

▶ Foursquare is a location data provider with information about all manner of venues and events within an area of interest

▶ We will need data about different venues in different neighborhoods of that specific borough.

▶ After finding the list of neighborhoods, we then connect to the Foursquare API to gather information about venues inside each and every neighborhood.
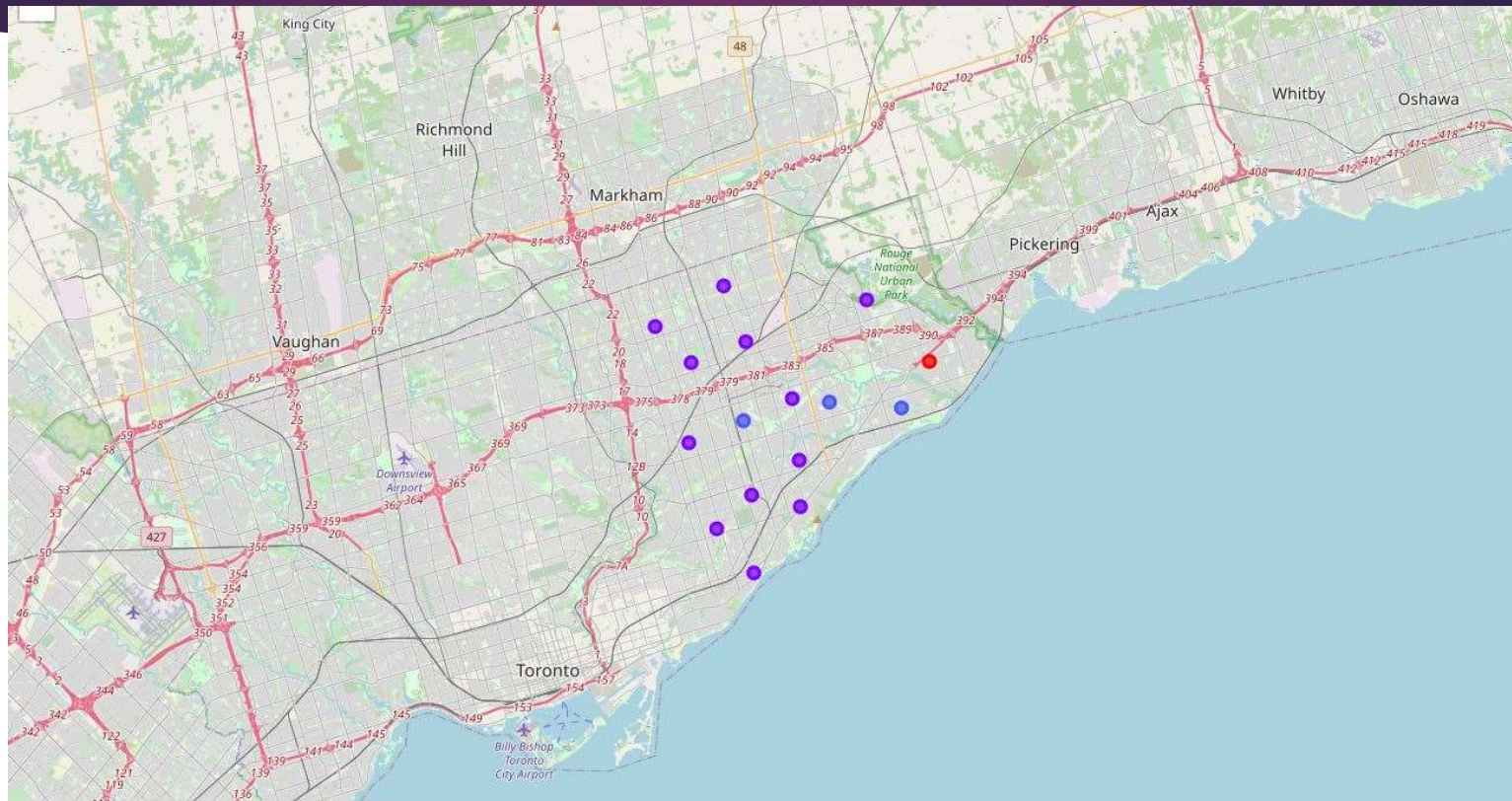
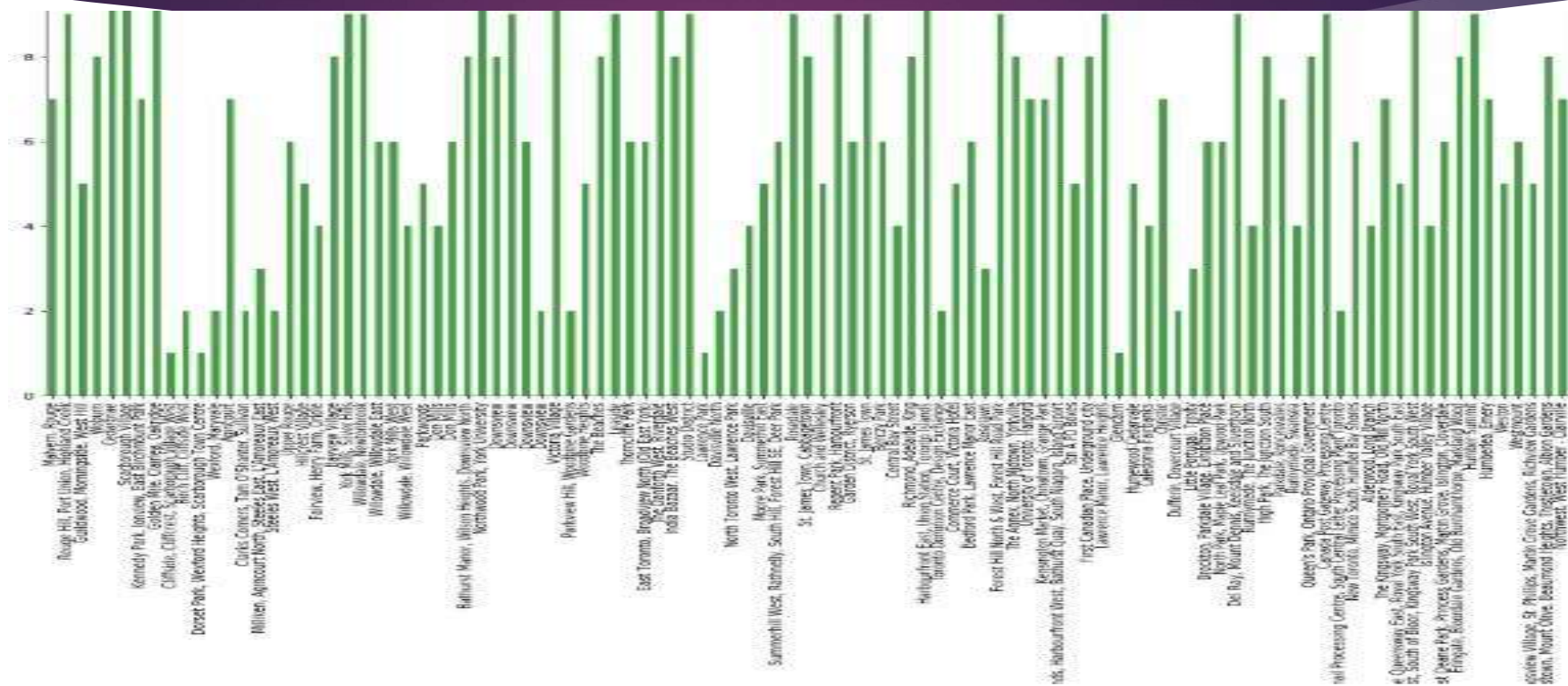# 2. Data Section – Map of Scarborough

# 3. Methodology Section

- ▶ Use K means clustering to group neighborhood into clusters .

- ▶ Each cluster will have neighborhood with similar features

- ▶ Using credentials of Foursquare API features of near-by places of the neighborhoods would be mined.

# 4. Results – Map of Clusters

# 4. Results  - School Ratings

# 5. Conclusion

- This project can be continued for making it more precise in terms to find best house in Scarborough