



INTRODUCTION



Objective
Re-location to preferred Indian
Community in Toronto

Stakeholders
Primary - Students, Families
Secondary — Commercial Establishments

Data Sources Wikipedia Four Square – Location Data & Intelligence

STAKEHOLDER EXPECTATIONS

Understand Neighborhood



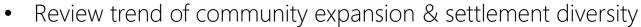
- Evaluate criteria for selecting the community to re-locate to
- Compare localities based on priorities and preferences
- Review results to take "informed" decisions



Which is the best locality to settle down?

Plan Expansion









ask

Is this the right location to invest for a new restaurant or community center?

Scope for Development

- Government & Municipal authorities Town & Community planning
- Predict growth and improve services
- Proactively plan for newer zones development





Which neighborhood's are popular by ethnicity, demand for new development initiatives?

Coursera: Mythili Pranatharthi Haran

HIGH LEVEL APPROACH

MACHINE LEARNING

Segmenting & Clustering data using k-means clustering methods.

RAW DATA

Extract from Four Square & WikiPedia - location specific data points relevant for the analysis



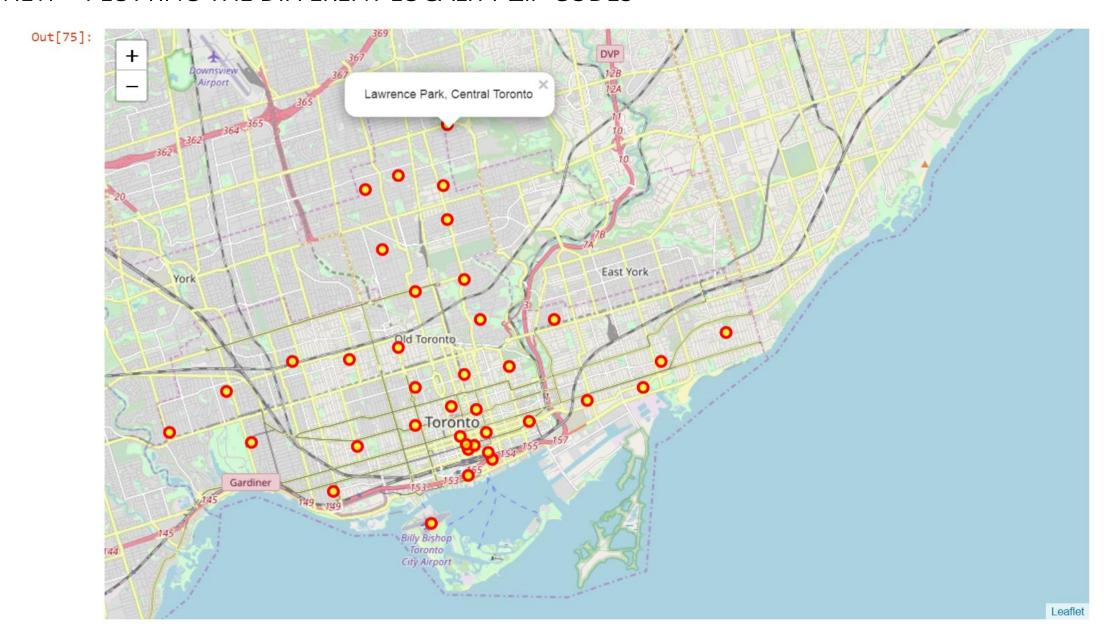
RESULTS

Identify & recommend the suitable community location in Torronto scoring high on the defined criteria.

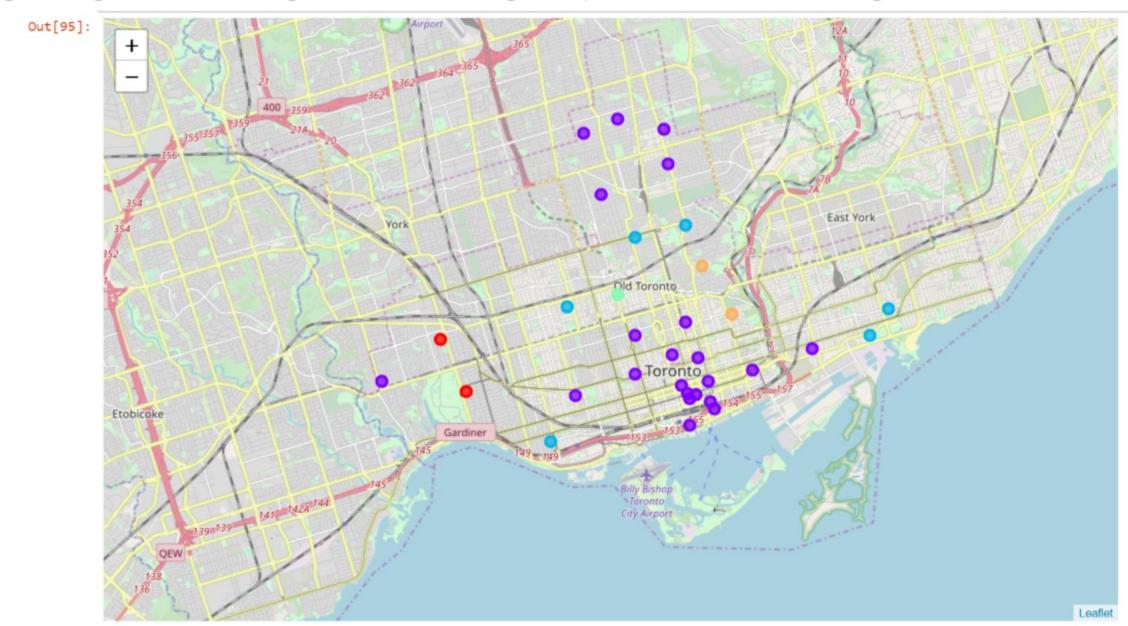
ANALYZE

Review Data sources for completeness & establish data model and relationships

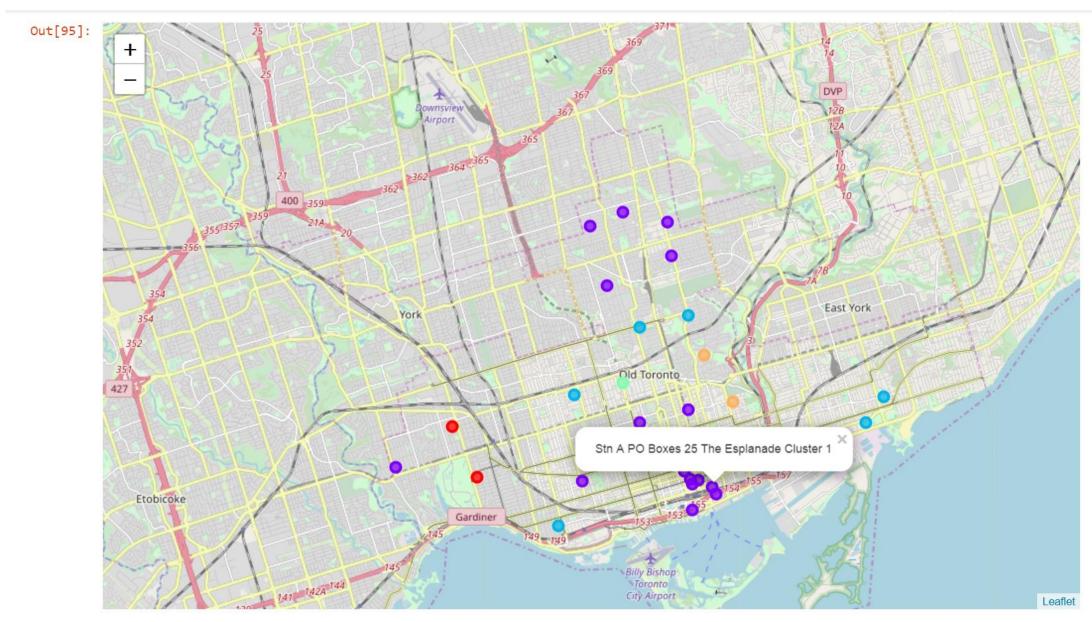
1. INITIAL VIEW – PLOTTING THE DIFFERENT LOCALITY ZIP CODES



2. Clustering of Neighbourhood using K-means clustering Unsupervised Machine Learning Model



3. THE ESPLANADE – ONE OF THE TOP RANKED INDIAN COMMUNITY



4. ST. JAMES TOWN – ONE OF THE TOP RANKED INDIAN COMMUNITY

