1.Introduction:

1.1 Background:

[With a population of 6,139,000,](#) Toronto is the most populous city in Canada. It is Canada's commercial and financial centre. It is also a very diverse city. [51% of its residents were born outside of Canada.](#) It is home to 230 different nationalities. Due to its characteristics, 17% of Canada immigrants choose Toronto as their final destination.

With large amounts of immigration per year, housing is one of the biggest concerns for newcomers . Different households will have different budgets and needs. There are several factors that home buyers can look into when selecting a neighborhood for their home like: common venues in the areas, demographics of the area, house price.

This project will help home-owners and real estate agents gain insight about different neighborhoods in Toronto considering these following factors: common venues, house price and demographics.

1.2 Data Section

1.2.a. Data Description

The following data will be used to support this report:

- List of boroughs in Toronto with its latitude and longitude, their most common types of venue (coffee shop, restaurants, park,..)
- Average house price across areas in Toronto
- Ethnicities for residents in different neighborhood of Toronto

1.2.b How data will be used to solve the problem:

Use Foursquare and geopy to find top 10 venues for each neighborhood: People who love eating and dining out might be interested in neighborhoods with lots of restaurants and coffee shops. Families who have kids usually prefer a neighborhood with lots of parks. Individuals who pursue an active lifestyle might be interested in looking into areas with gym and trails.

Average house prices across different regions will help home-buyers set their budget and financial plans to meet their needs.

Ethnicities for residents in different neighborhoods of Toronto will help home buyers select a suitable property. Living in an area with people who have similar backgrounds can create a sense of belonging.