

# Capstone Project - The Battle of Neighborhoods

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## Abstract

Many real estate firms have long made decisions based on a combination of intuition and traditional, retrospective data. Today, a host of new variables make it possible to paint more vivid pictures of a location's future risks and opportunities. In this Report we will find the correlation between the neighborhoods of Toronto, Canada and the nearby venues and how the venues influence the price of the unit.

## 1 Target audience

The audience that will benefit from this analysis will be:

1. People like families that there looking to move to Toronto.
2. Real estate companies which are looking correlations in the market.
3. Landlords that the looking to sell their properties and they are looking for an estimation.
4. Individual buyers that they are searching for a property to buy.

## 2 Data usage

We will use the Zillow API to get the prices of the neighborhood real estate units. I will combine these with the existing Foursquare's data so that I can create a table in which I can either make a regression algorithm or do a clustering.