

# Capstone Project: Building a Public Park in Toronto

## Introduction / Business Problem

Major cities with dense population such as Toronto often lack public areas designated for outdoor leisure. This project will use Foursquare API to understand at a high level the infrastructures of Toronto and determine an ideal location to build a public park.

## Data

The Wikipedia page used in week 3 of this course contains a list of neighborhoods and establishments in Toronto. I will use web scraping techniques to extract the data from the web page using various packages from Python. Then I will determine the geographic coordinates of the different locations using Python Geocoder package. Lastly, I will use Foursquare API to get the detailed venue data to determine an ideal location for a new park.

## Data Required:

1. List of neighborhoods in Toronto
2. Geographic coordinates and map of Toronto
3. Venue data from Foursquare