

# IBM Coursera Capstone

## The Battle of Neighborhoods

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## Introduction

This is the report for the IBM Data Science capstone project that I put together for the IBM Data Science Certificate Course. This report contains the week 4 assignment of Applied Data Science Capstone. I have prepared a report on looking at the data of Toronto, Canada

## Problem

Toronto is a capital city of Canada, with various business opportunities and venues. This city is very highly market competitive and doing business there is highly priced. Businesses also need to choose their location carefully in order to have some success themselves.

## Target Audience

This research is produced by myself, along with National Finance Company. We are to locate and recommend to business on which regions of neighborhoods in Toronto will fit the best.

## Data Description

In this data we would have to explore, segment, and cluster the neighborhood of Toronto. We can get the data from the Wikipedia page, since it is not available at any other resources at all. That page has all the information and therefore need to organize it. That data has coordinates for each of the neighborhoods as well as residences, and various names.

The variables that it has are: Neighborhood, Neighborhood latitude, Neighborhood longitude, Venue name, Venue Category, Venue Latitude, and Venue longitude.