Introduction

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⭐ **Background**

Toronto City as the provincial capital of Ontario and the most populous city in Canada, with a population of 2,731,571 in 2016. Current to 2016, the Toronto census metropolitan area (CMA), of which the majority is within the Greater Toronto Area (GTA), held a population of 5,928,040, making it Canada's most populous CMA. The city is the anchor of the Golden Horseshoe, an urban agglomeration of 9,245,438 people (as of 2016) surrounding the western end of Lake Ontario. Toronto is an international center of business, finance, arts, and culture, and is recognized as one of the most multicultural and cosmopolitan cities in the world.

⭐ **Problem Description**

Now let me explain the context of this Capstone project through a scenario. Say you live on the west side of the city of Toronto in Canada. You love your neighbourhood, mainly because of all the great amenities and other types of venues that exist in the neighbourhood, such as gourmet fast food joints, pharmacies, parks, graduate schools and so on. Now say you receive a job offer from a great company on the other side of the city with great career prospects. However, given the far distance from your current place you unfortunately must move if you decide to accept the offer.
Wouldn't it be great if you are able to determine neighbourhoods on the other side of the city that are the same as your current neighbourhood, and if not perhaps similar neighbourhoods that are at least closer to your new job?

The aim of this report is to study and analyse the neighbourhoods of Toronto city and group them into similar clusters and, to analyse those clusters to gather meaningful information. That information can be used to find out neighbourhoods that are same as your current neighbourhood or at least similar.
This information provided by this report would be useful for people who are interested in relocating to a different part of the city and are interested in finding new neighbourhoods that are highly similar to their existing neighbourhood.