**Introduction/Business Problem**

**1. Background**

**Toronto**, city, capital of the province of [Ontario](https://www.britannica.com/place/Ontario-province), southeastern [Canada](https://www.britannica.com/place/Canada). It is the most populous city in Canada, a multicultural city, and the country’s financial and commercial centre, with a current population of 6,139,000 in 2019.

Its location on the northwestern shore of [Lake Ontario](https://www.britannica.com/place/Lake-Ontario), which forms part of the border between Canada and the [United States](https://www.britannica.com/place/United-States), and its access to Atlantic shipping via the [St. Lawrence Seaway](https://www.britannica.com/place/Saint-Lawrence-River) and to major U.S. industrial centres via the [Great Lakes](https://www.britannica.com/place/Great-Lakes) have enabled Toronto to become an important international trading centre. Moreover, the city is positioned on the edge of some of the best farmland in Canada, with a climate favourable to growing a wide range of crops, thereby making Toronto a [transportation](https://www.britannica.com/technology/transportation-technology), distribution, and manufacturing centre.

Since the second half of the 20th century the city has grown phenomenally, from a rather sedate provincial town—“Toronto the Good”—to a lively, thriving,  [metropolitan area](https://www.britannica.com/topic/metropolitan-area)

**1.1 Brief history about Toronto**: People have travelled through and inhabited the Toronto area, located on a broad sloping plateau interspersed with rivers, deep ravines, and urban forest, for more than 10,000 years. After the broadly disputed Toronto Purchase, when the Mississauga surrendered the area to the British Crown, the British established the town of **York** in 1793 and later designated it as the capital of Upper Canada. During the War of 1812, the town was the site of the Battle of York and suffered heavy damage by United States troops. **York** was renamed and incorporated in 1834, as the city of **Toronto**. It was designated as the capital of the province of Ontario in 1867 during Canadian Confederation.

**2. 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 neighborhood, mainly because of all the great amenities and other types of venues that exist in the neighborhood, 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 neighborhoods on the other side of the city that are the same as your current neighborhood, and if not perhaps similar neighborhoods that are at least closer to your new job?