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**Introduction**

Based on a report by CBC News, Statistics Canada 2016 census figures revealed that the country recorded its greatest increase in the proportion of seniors. More seniors (5.9 million) than children (5.8 million), the first time that has happened. By 2061, projected 12 million seniors to 8 million children.

As consequence there is shortage in long-term care residence homes. Many seniors are on wait lists for years (for example, in 2012–13 in Ontario, 34,312 individuals were on a wait list for their preferred choice of a long-term care residence, the report found). City of Toronto, being most populated city in the country,currentlyoperates 10 long-term care homes, which are located in various neighbourhoods. It would like to address this growing demand and build new long-term care homes.

**Business Problem**

City of Toronto would like to find out which neighbourhoods have inadequate long-term care homes for seniors. They would like to classify neighbourhoods that have a relatively high number of seniors who are isolated and/or living. This project’s goal is to identify the neighbourhood that will benefit most, so the city could prioritize where to build the next long-term care home that will be maintained by the city.

**Data Sources**

* [*FourSquare location data*](https://foursquare.com/) will be used to explore neighbourhoods to identify location of existing long-term care homes and location of related basic health care services, including primary care that are essential to co-exist.
* *Census data from* [*City of Toronto Neighbourhood Profiles for 2016*](https://portal0.cf.opendata.inter.sandbox-toronto.ca/dataset/neighbourhood-profiles/), which provides various data, breakdown by demographic, social and economic characteristics of the people and households in each neighbourhood for City of Toronto.
* [*City of Toronto data portal*](https://www.toronto.ca/community-people/housing-shelter/long-term-care-homes/) to gather data about existing capacity of city-operated long-term care homes.