Applied Data Science Capstone

Finding the best school district

Introduction

The objective of this project is to analyze and select the best neighbourhood with respect to the quality of the education. Using data science methodology and clustering, this project aims to provide solutions to the question: Which neighbourhoods in Toronto is surrounded by good schools?

Problem

When you have kids in education age, you care about the schools where they are educated. Before moving to a new place you think about the quality of the schools around the place that you will move to. This project will be give you an idea of the places and the schools around them.

Data

To solve the problem, we will need the following data;

List of neighbourhoods in Toronto.

List of schools around each neighbourhood.

The scores of each school.

Source of the data

List of neighbourhoods in Toronto; Vikipedia

Schools around the neighbourhoods ; Foursquare

The scores of schools : Fraserinstitute