Project: Find the safe/closer community around University of Toronto

1.Introduction/Business Problem

A couple of friends have a child that plans to go to University of Toronto. Friends are thinking about moving to Toronto too, they want to find a community that meets following criteria:

(1) The community is safe and has lower crime rate. (weight: 50%)

(2) The community has more grocery stores, restaurants. (weight: 20%)

(3) The community is close to University of Toronto (weight: 15%)

(4) The median house price is not extremely high. (weight:15%)

2.Data

I plan to use following Data Sources:

(1) FourSquare location data to find grocery stores, restaurants, find the driving distance from the community to University of Toronto

(2) Toronto Police Open data
e.g.: https://data.torontopolice.on.ca/datasets/assault-2014-to-2019/data

(3) Median house price per community:
https://housesigma.com/web/en/analyze/city-median-price-report

3.Python Code