

Problem Description

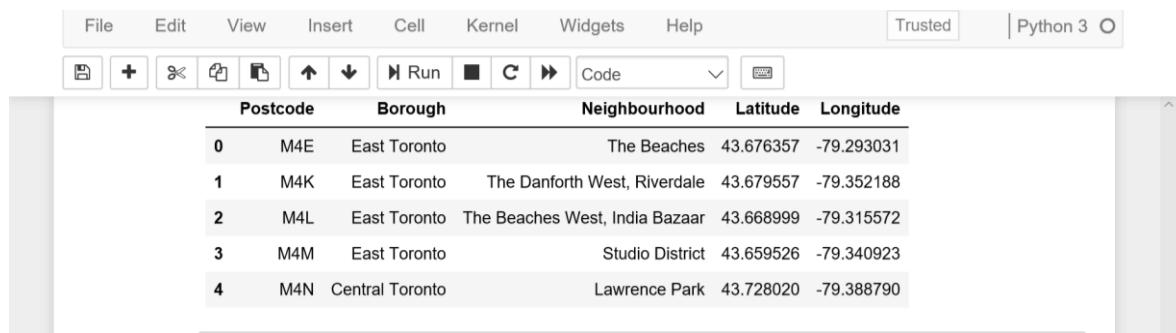
A person desire to place a business aimed at young people, in the Central Toronto Borough in the Lawrence Park neighborhood wants to analyze the businesses around and decide what type of business to place.

The Lawrence Park neighborhood have around Toronto Frech School and York University, that it implies a lot of people around is a good idea businesses related to the educational part.

Data

Using geo-location for the Central Toronto Borough in the Lawrence Park neighborhood and request from the Page Foursquare we will find the businesses around Lawrence Park neighborhood. Look the table and map below.

With the api of Foursquare take the radius 1500, that mean find veneaus around of 1500 meter, we will analyze, sort and classify working with k-means clustering technique of Machine Learning. After reviewing the results we will take a business decision.



The screenshot shows a Jupyter Notebook interface with a toolbar at the top containing File, Edit, View, Insert, Cell, Kernel, Widgets, Help, Trusted, and Python 3. Below the toolbar is a table with the following data:

	Postcode	Borough	Neighbourhood	Latitude	Longitude
0	M4E	East Toronto	The Beaches	43.676357	-79.293031
1	M4K	East Toronto	The Danforth West, Riverdale	43.679557	-79.352188
2	M4L	East Toronto	The Beaches West, India Bazaar	43.668999	-79.315572
3	M4M	East Toronto	Studio District	43.659526	-79.340923
4	M4N	Central Toronto	Lawrence Park	43.728020	-79.388790

