FINAL REPORT

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Introduction

Business Problem

❖A great man wants to build a Bar in Toronto and is searching a good place. I should help him to choose the better place.

❖This man have some interest to build a new Bar. He want to put his Bar near:

1. Stadium

2. Universities

3. Offices

He customer thinks these three locations guarantee a lot of people who want to go to a bar. We are going to use Foursquare information for recollect this information

Data

➢We are using https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M for the postal Canada in general and Neighbors and cities.

➢http://cocl.us/Geospatial_data For the Latitude and Longitude of Canada

➢The categories that we chose are

oStadium: 4bf58dd8d48988d184941735Universities: 4bf58dd8d48988d198941735

oOffices: 4bf58dd8d48988d124941735

ohttps://developer.foursquare.com/docs/resources/categories

Methodology

❖ We use beautiful Soup library to scrape an article on Wikipedia with the Toronto´s neighborhood.

❖ We ordered the table and then import the geo data.

❖ After that we use foursquare for the interest of the client about the Universities, Stadiums and Offices. Obviously, we add to the list the "Bars".
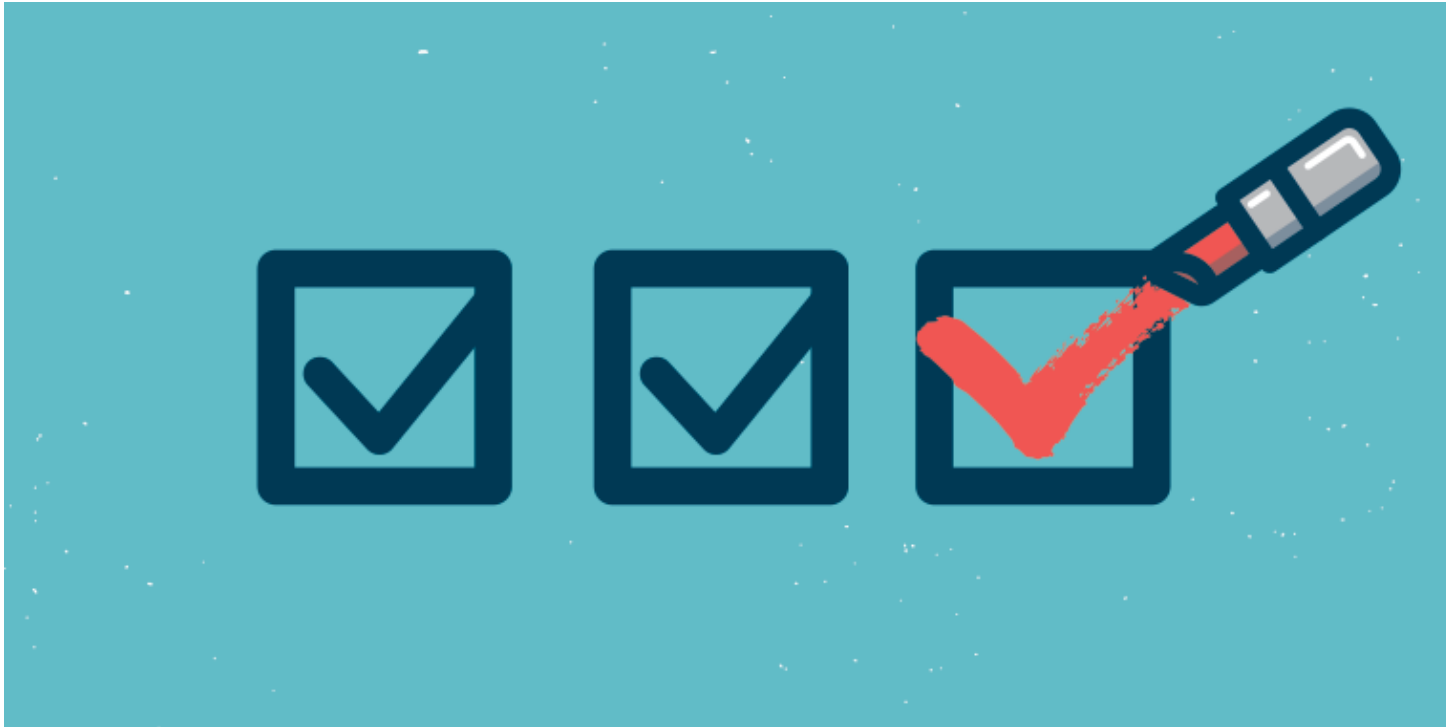
❖We define weights for each category, depending the taste of the client.

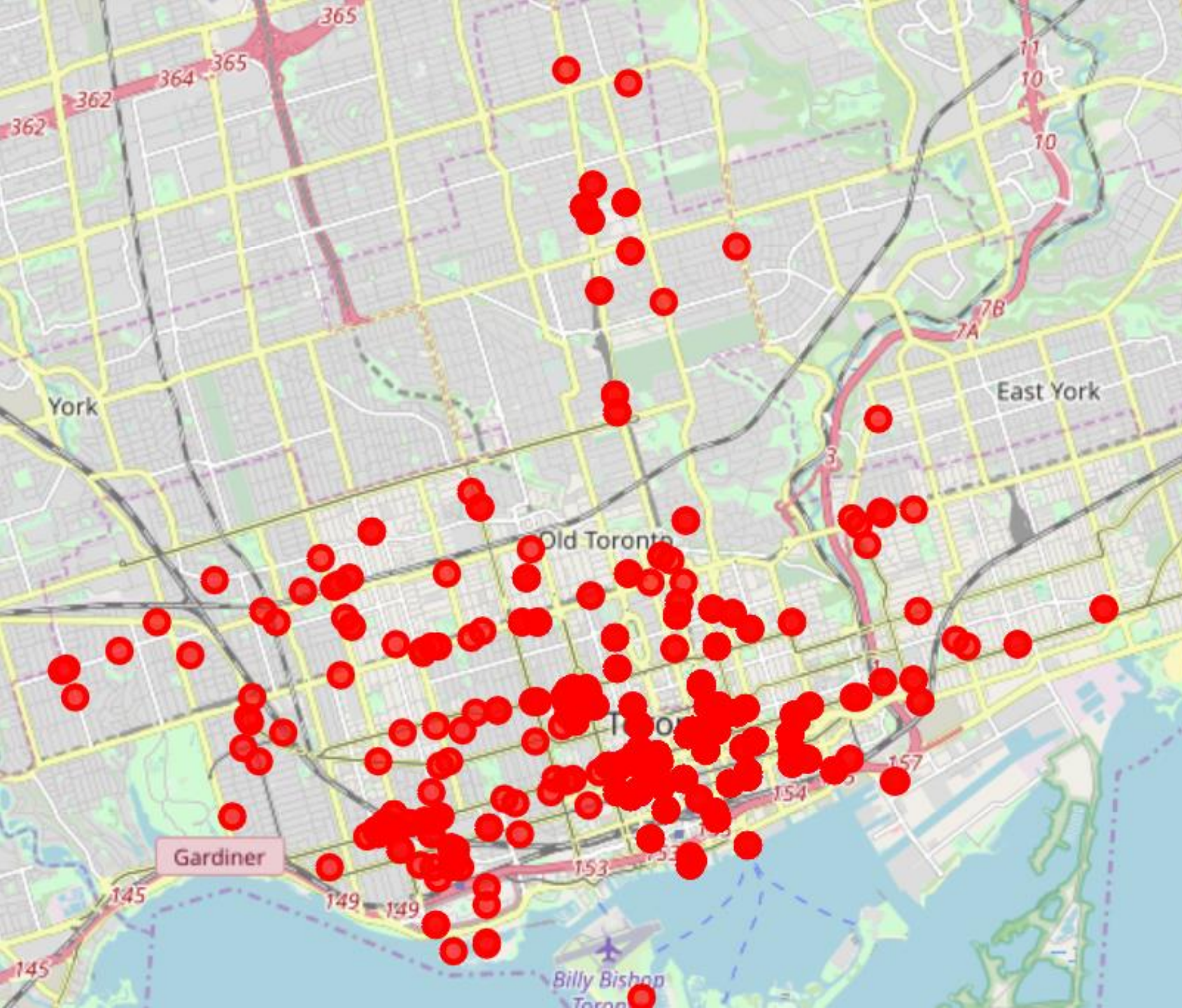1. Universities = 3

2. Office = 3

3. Stadium = 1

We calculated the score of all of these categories and compare with the Bar and the better neighbor. The highest score determine the best place to put the Bar.
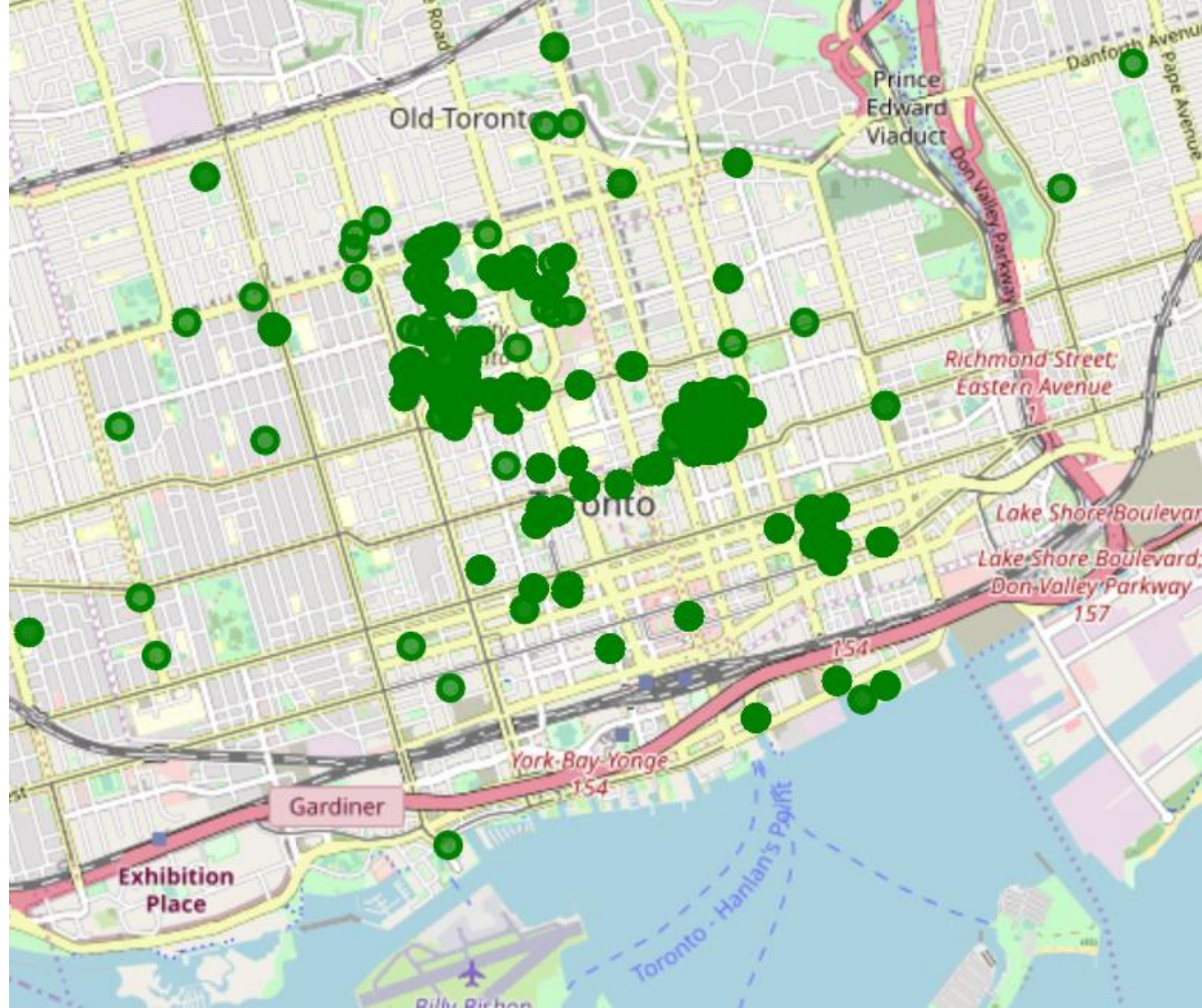
RESULT

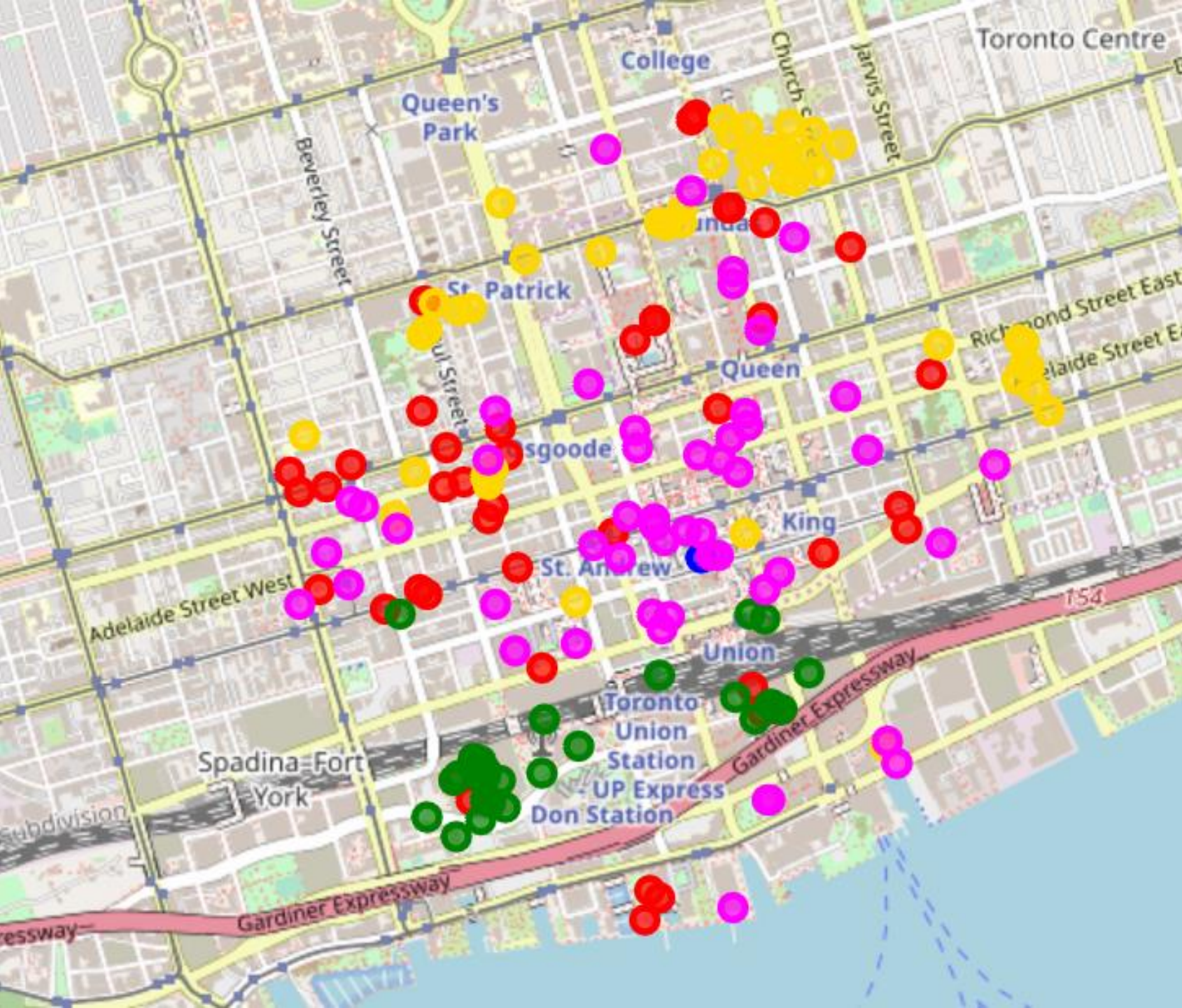# General Neighboor

Bars in Toronto

Universities
in Toronto

Stadium in Toronto

Office in Toronto

Final Score

	Localidad	Borough	Score
20	Design Exchange,Toronto Dominion Centre	Downtown Toronto	263.0
29	First Canadian Place,Underground city	Downtown Toronto	262.0
18	Adelaide,King,Richmond	Downtown Toronto	262.0
21	Commerce Court,Victoria Hotel	Downtown Toronto	262.0
28	Stn A PO Boxes 25 The Esplanade	Downtown Toronto	246.0
26	Chinatown,Grange Park,Kensington Market	Downtown Toronto	242.0
19	Harbourfront East,Toronto Islands,Union Station	Downtown Toronto	241.0
15	St. James Town	Downtown Toronto	235.0
17	Central Bay Street	Downtown Toronto	234.0
14	Ryerson,Garden District	Downtown Toronto	227.0
33	Brockton,Exhibition Place,Parkdale Village	West Toronto	219.0
16	Berczy Park	Downtown Toronto	213.0
25	Harbord,University of Toronto	Downtown Toronto	205.0
32	Little Portugal,Trinity	West Toronto	196.0
12	Church and Wellesley	Downtown Toronto	186.0
13	Harbourfront,Regent Park	Downtown Toronto	184.0

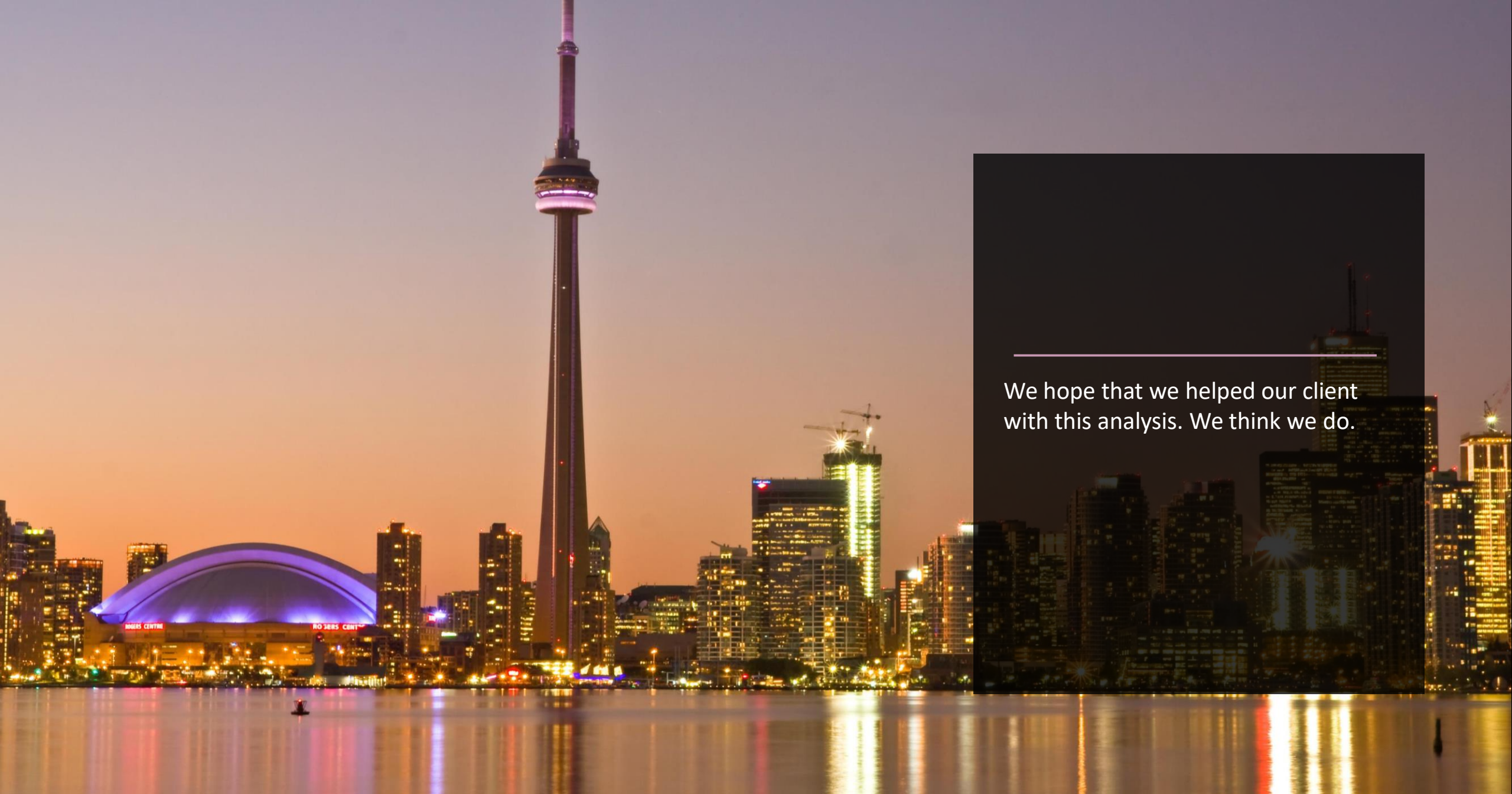# DISCUSS

Red = Another Bars

Green= Stadium

Fuchsia = Office

Yellow = Universities

Blue = Neighbor

The client have space for a Bar in this neighborhood (Blue) near the Office.

We could tip our filter for more specific bars if your customer wants different types of customers

We hope that we helped our client with this analysis. We think we do.