

# Theater-Cafe in Toronto

Capstone- Project - Coursera - August 2019

# Introduction and Motivation

- The idea of opening a Theater-Cafe, in which we can serve Cafe to our guests and if they like, we can play a five-minute show of a story.
- There are many neighborhoods in Toronto. Which of them is the best for our Theater-Cafe?
- This problem can be interesting for all the people who want to start a new combined business.

# Data acquisition and cleaning

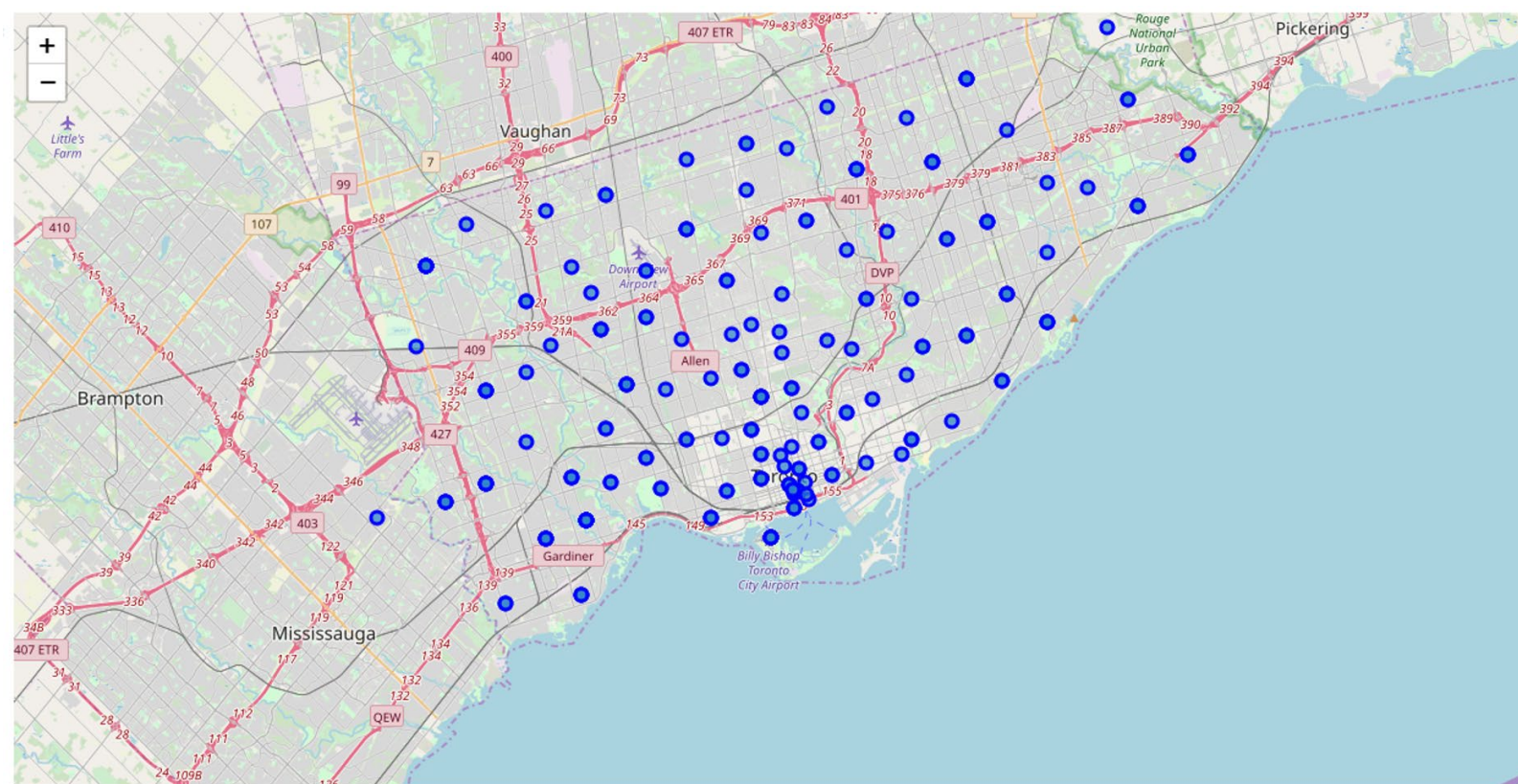
- ▶ scrap the Wikipedia- site

[https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M), in order to obtain the data of postal codes of Toronto with the name of the neighborhood as well as its Borough.

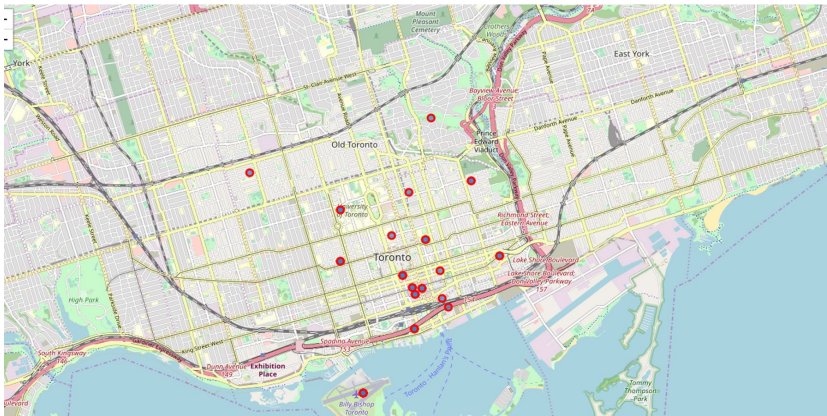
- ▶ It is sufficient to correspond each postal code with one neighborhood
- ▶ the Borough and neighborhoods which are not assigned in our table should be omitted.
- ▶ get the latitude and the longitude coordinates of each neighborhood with Foursquare

# Toronto-map

## possible locations for Theater-Cafe

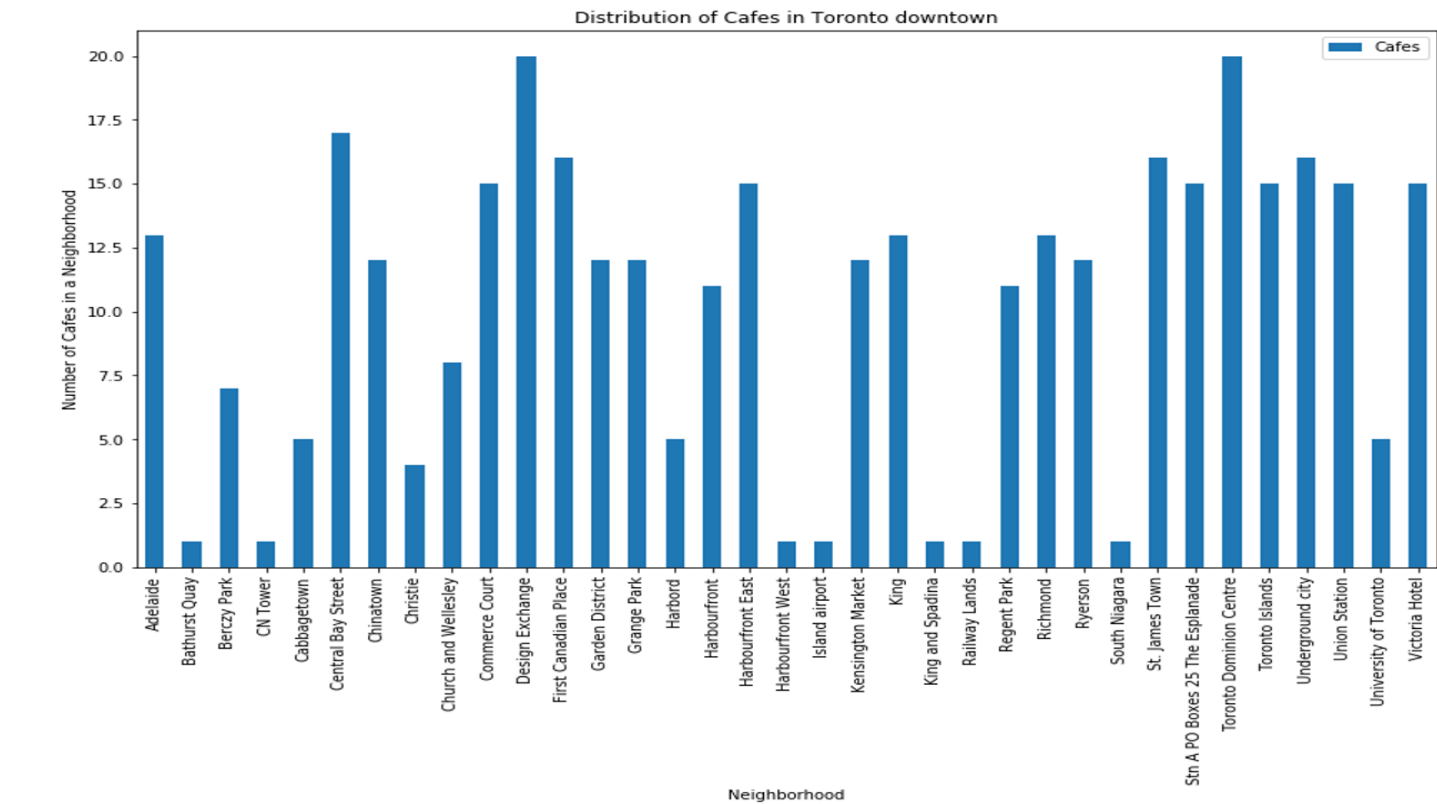


# Toronto-Downtown

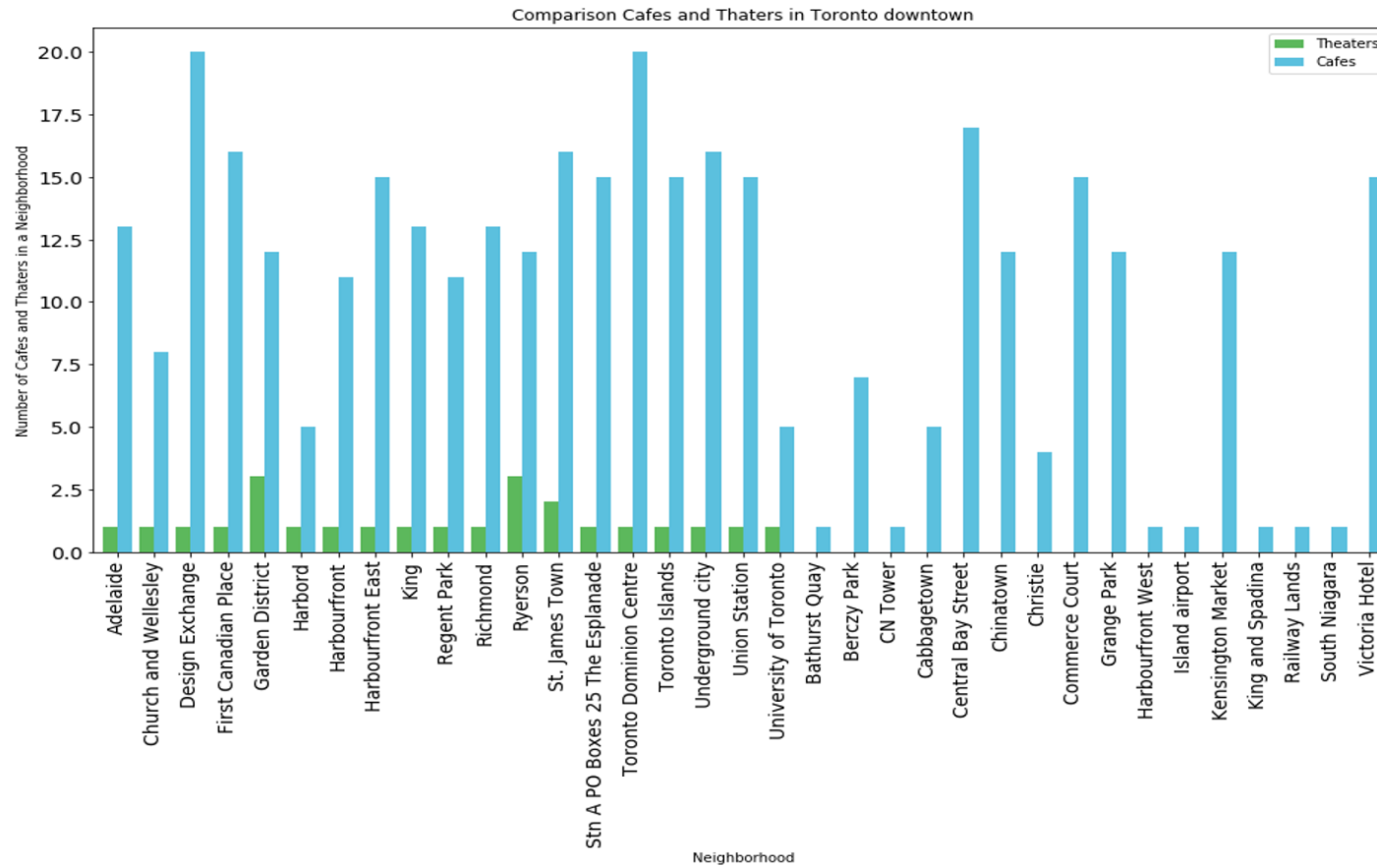


	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
0	Harbourfront	43.65426	-79.360636	Roselle Desserts	43.653447	-79.362017	Bakery
1	Harbourfront	43.65426	-79.360636	Tandem Coffee	43.653559	-79.361809	Coffee Shop
2	Harbourfront	43.65426	-79.360636	Toronto Cooper Koo Family Cherry St YMCA Centre	43.653191	-79.357947	Gym / Fitness Center
3	Harbourfront	43.65426	-79.360636	Body Blitz Spa East	43.654735	-79.359874	Spa
4	Harbourfront	43.65426	-79.360636	Morning Glory Cafe	43.653947	-79.361149	Breakfast Spot

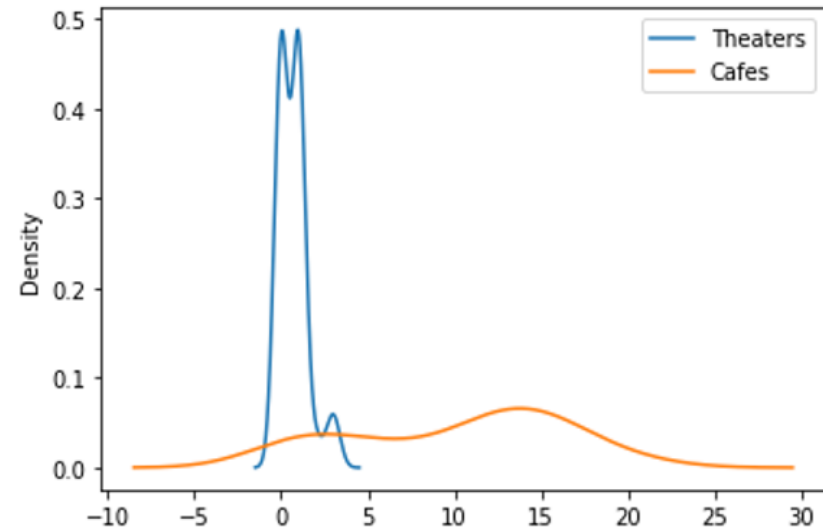
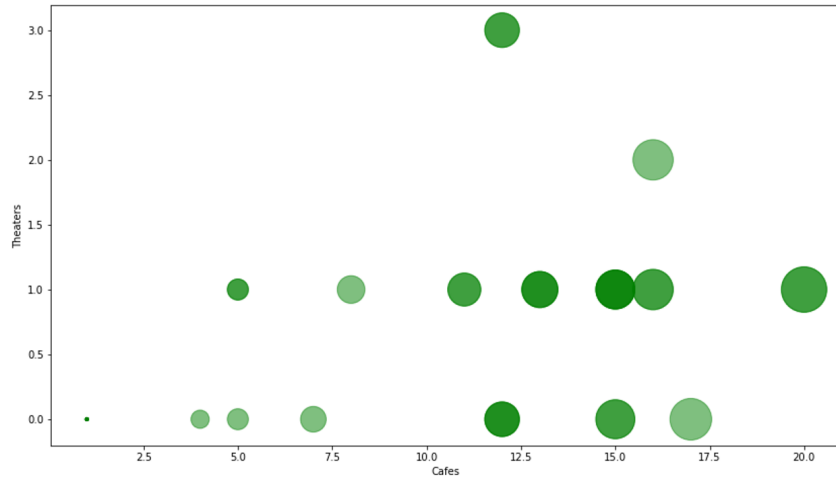
# Distribution of Cafes in Toronto



# And in comparison with Theaters



# Distribution of Cafes and Theaters:





# Which neighborhood?

- Bathurst Quay
- Berczy Park
- CN Tower
- Cabbagetown
- Central Bay Street
- Chinatown
- Christie
- Commerce Court
- Grange Park
- Harbourfront West
- Island airport
- Kensington Market
- King and Spadina
- Railway Lands
- South Niagara
- Victoria Hotel

# Where are Colleges?

	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	VCategory
136	Ryerson	43.657162	-79.378937	Ryerson Athletics Centre	43.658434	-79.379296	College Rec Center
236	Garden District	43.657162	-79.378937	Ryerson Athletics Centre	43.658434	-79.379296	College Rec Center
1559	Harbord	43.662696	-79.400049	Athletic Centre	43.662487	-79.400657	College Gym
1573	Harbord	43.662696	-79.400049	Innis Town Hall	43.665420	-79.399546	College Arts Building
1593	University of Toronto	43.662696	-79.400049	Athletic Centre	43.662487	-79.400657	College Gym
1607	University of Toronto	43.662696	-79.400049	Innis Town Hall	43.665420	-79.399546	College Arts Building

# Where will be our Theater-Cafe?

