About the Data used to solve the Business problem:

First Dataset: List of neighborhoods in Toronto:

Firstly, I will be using data from a Wikipedia page which provides information about list of neighborhoods in Toronto, Canada. I will be using web scrapping tool **BeautifulSoup** for extracting the data in the form of a table from this Wikipedia page.

This table contains 3 columns: Postal Code, Borough and Neighbourhood.

The link for this Wikipedia page: https://en.Wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M .

After preprocessing the table and adding two more columns of Latitude and Longitude of each Neighborhood, this dataset is ready for use.

Final DataFrame will have 5 columns: **Postal Code, Borough, Neighborhood, Latitude, Longitude.**

And it will contain 39 rows having **39** unique neighborhoods of Toronto and **5** unique Boroughs.

Here is a screenshot of first five rows of the final dataframe:

	Postal Code	Borough	Neighbourhood	latitude	longitude
0	M5A	Downtown Toronto	Regent Park, Harbourfront	43.654260	-79.360636
1	M7A	Downtown Toronto	Queen's Park, Ontario Provincial Government	43.662301	-79.389494
2	M5B	Downtown Toronto	Garden District, Ryerson	43.657162	-79.378937
3	M5C	Downtown Toronto	St. James Town	43.651494	-79.375418
4	M4E	East Toronto	The Beaches	43.676357	-79.293031

Second Dataset: List of different venues in the neighbourhoods of Toronto:

This dataset will be formed using the Foursquare API. I will use the Foursquare location data to explore different venues in each neighbourhood of Toronto.

These venues can be any place. For example: Parks, Coffee Shops, Hotels, Gyms, etc.

Using the Foursquare location data, I can get information about these venues and analyze the neighbourhoods of Toronto easily based on this information.

We will use the geographical coordinates from above dataset to generate this Location dataset.

Here is the screenshot of the sample dataset:

	Neighbourhood	Neighbourhood Latitude	Neighbourhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
0	Regent Park, Harbourfront	43.65426	-79.360636	Roselle Desserts	43.653447	-79.362017	Bakery
1	Regent Park, Harbourfront	43.65426	-79.360636	Tandem Coffee	43.653559	-79.361809	Coffee Shop
2	Regent Park, Harbourfront	43.65426	-79.360636	Cooper Koo Family YMCA	43.653249	-79.358008	Distribution Center
3	Regent Park, Harbourfront	43.65426	-79.360636	Body Blitz Spa East	43.654735	-79.359874	Spa
4	Regent Park, Harbourfront	43.65426	-79.360636	Impact Kitchen	43.656369	-79.356980	Restaurant

```
toronto_venues.groupby('Neighbourhood').count()
```

In general, I will be using these two datasets to solve the business problem of finding the best place to open a restaurant within Toronto..