Capstone Project - The Battle of Neighborhoods

Introduction:

Background: People say Toronto is a city that reveals itself over time. It grows on you until suddenly you realize that there’s nowhere else in the world you’d rather be. As a foodie I really want to visit Toronto and try it’s restaurants.

Problem: Where I can stay while there’s a handful of restaurants nearby.

**Data source:**

the information is from Foursquare website by linking it’s API and includes restaurant and hotel data.

**Methodology section:**

Data Cleaning:

-Reformat some of the column names and category value to make the dataset easier to ready.

Feature Selection:

-Drop a handful of columns that are unrelated to the problem we defined.

**ML method**: using folium function to plot the clusters

**Results:** the density of restaurants and hotels is pretty high between Toronto union station and University of Toronto

**Discussion**: the density of restaurants and hotels is pretty high between Toronto union station and University of Toronto. From Dundas st to Gerrard st, there’re a handful food options.

**Conclusion:** I would stay at double tree by hiltion hotel in Dundas st since lots of restaurants nearby.