Open a restaurant in Toronto

Importance:

Opening the restaurant in the right place may bring additional profit to the business.

Idea:

Then, I will explore the top venues of each neighboorhood. Based on the result, I will highlight the neighboorhoods that have the following features:

1) high public flow (close metro stations, a lot of business centers, gyms)

2) low number of already functioning restaurants

Based on the result, I will set the down threshold for number of those venues and upper threshold on number of already open restaurants

The data will be divided in two types (neighborhoods that fit the restaurant opening, and the other that do not)

Data utilization

The latitudes and longitudes will be taken from a .csv file using a BeautifulSoup object. The geolocator will be used to locate Toronto and folium will be used to generate maps.

First, the neighborhoods will be placed on the map. Then, using Foursquare, I will search for top venues and sum the number of parks, gyms, theaters, shops and existing restaurants per neighborhood. I will give points to each neighborhood as follows: 2 points per park, 1 point per shop, 1 points per gym, 2 points per theater.

Neighborhoods having maximum number of points, and having less than 3 restaurants in the neighborhoods will be highlighted on the map as good places to open a restaurant.