A program For Photographers Event ¶

Introduction

ABC is a company based in Toronto for organizing events, currently it works on a project to organize an event for 5 days for a group of photographers from all over the world.The company has to put a good program, including a hotel of residence, a hall for meetings, places of landscape to visit, stores for shopping, restaurants and cafes. So the company's purpose is to make a list of places of landscape in Toronto, including the nearest restaurants, cafes, and shopping stores for each place.

Data Description

The data used in this project is provided by Foursquare location data. The data are grouped by landscape area, and each area included the information about this area and all information about restaurants, cafes, and stores which in this area.

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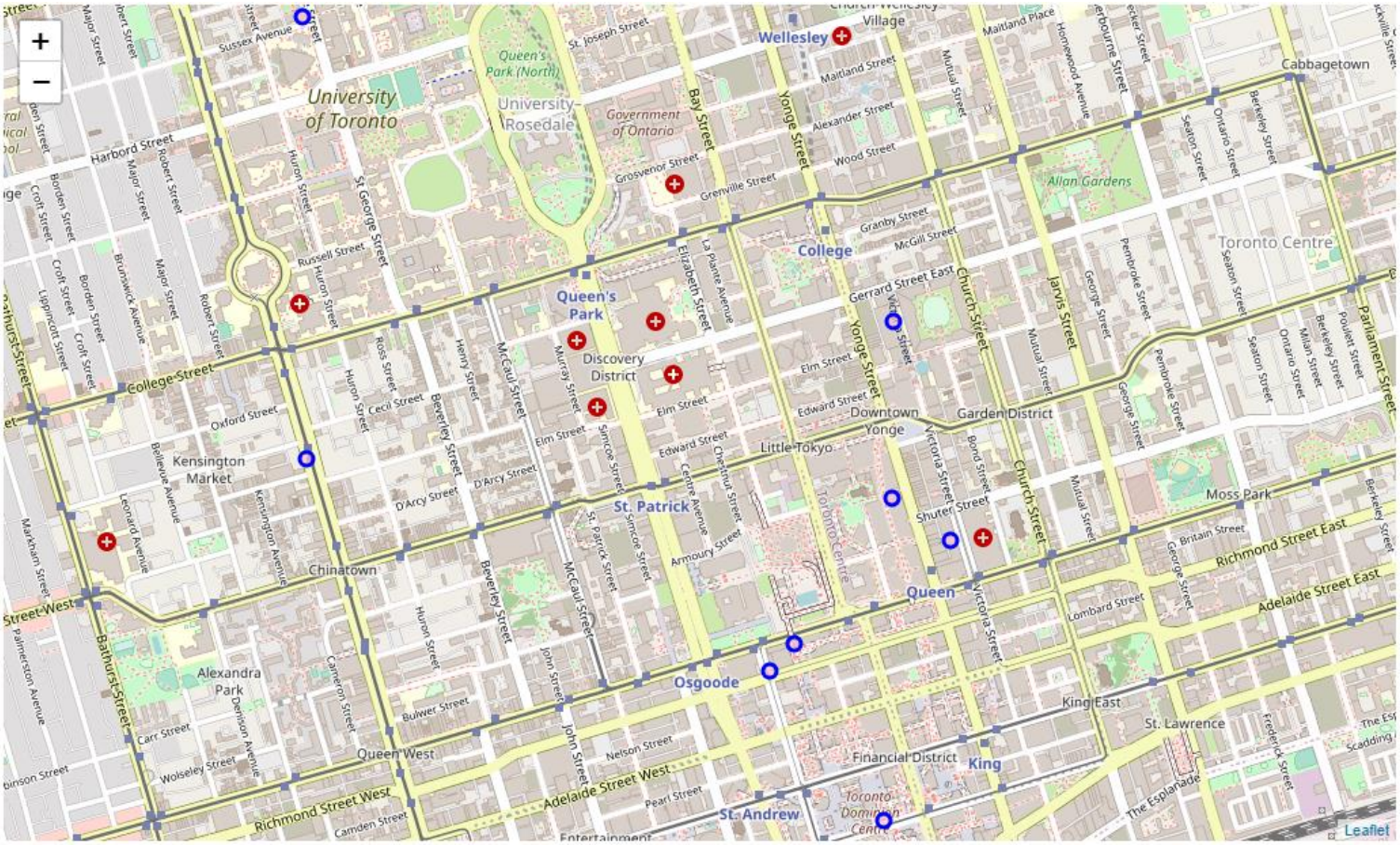
Generate map to visualize hotel neighbourhood including shopping stores and Cafeteria

```
# Generate map to visualize hotel neighbourhood including shopping stores and Cafeteria
hotel_map = folium.Map(location=[latitude, longitude], zoom_start=14)

for lat, lng, name, categories, address in zip(hotel_neighbourhood_df['lat'], hotel_neighbourhood_df['lng'],
                                               hotel_neighbourhood_df['name'], hotel_neighbourhood_df['categories'],\
                                                   hotel_neighbourhood_df['address']):
    label = '{}, {}'.format(name, address)
    label = folium.Popup(label, parse_html=True)
    folium.CircleMarker(
        [lat, lng],
        radius=5,
        popup=label,
        color='blue',
        fill=True,
        fill_color='pink',
        fill_opacity=0.7,
        parse_html=False).add_to(hotel_map)

hotel_map
```



Generate map to visualize park neighbourhood including Restaurant and Cafeteria

```
# Generate map to visualize park neighbourhood including Restaurant and Cafeteria
park_map = folium.Map(location=[latitude, longitude], zoom_start=14)

for lat, lng, name, categories, address in zip(park_neighbourhood_df['lat'], park_neighbourhood_df['lng'],
                                               park_neighbourhood_df['name'], park_neighbourhood_df['categories'],\
                                                   park_neighbourhood_df['address']):
    label = '{}, {}'.format(name, address)
    label = folium.Popup(label, parse_html=True)
    folium.CircleMarker(
        [lat, lng],
        radius=5,
        popup=label,
        color='blue',
        fill=True,
        fill_color='red',
        fill_opacity=0.7,
        parse_html=False).add_to(park_map)

park_map
```