



Battle of Neighbourhoods

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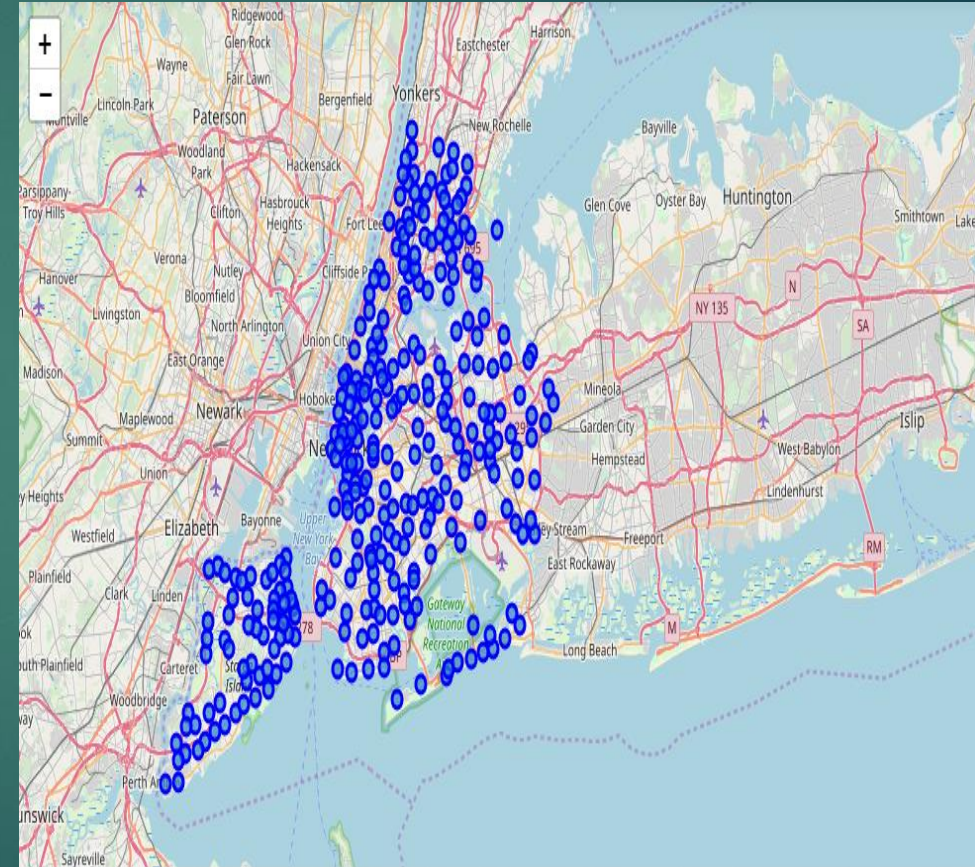
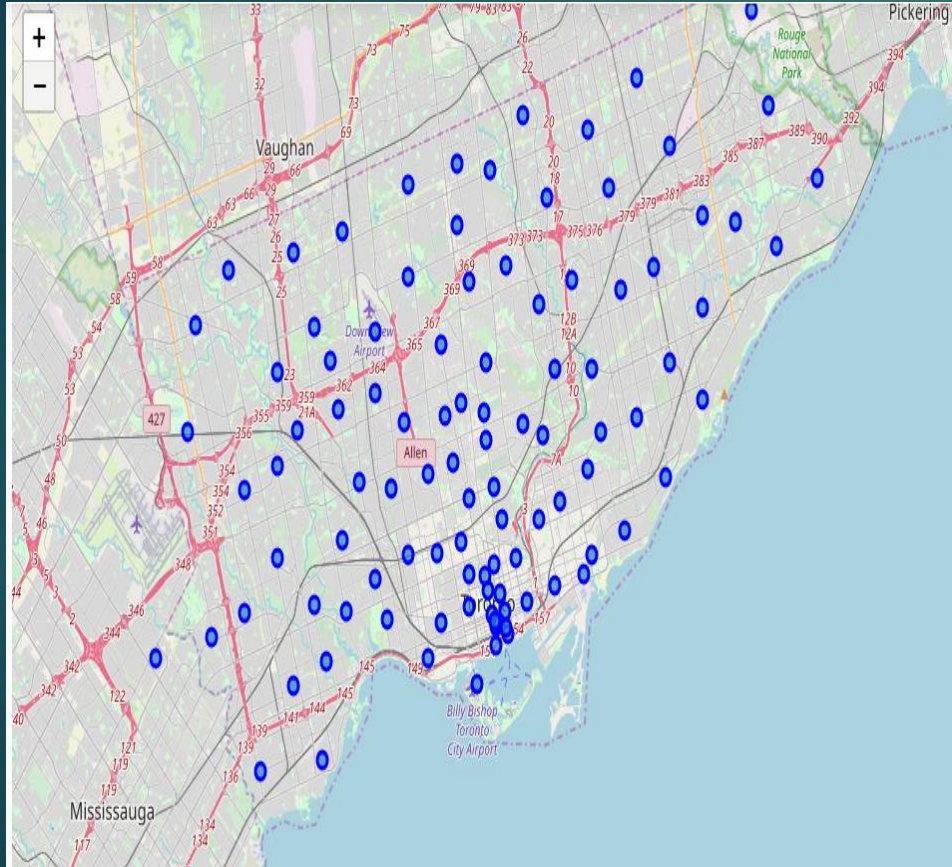
Motivation

- ▶ It's trend of globalization and technology
- ▶ Data is generated at an enormous rate.
- ▶ Data generated can be useful to predict certain outcomes and generate valuable insights from data.

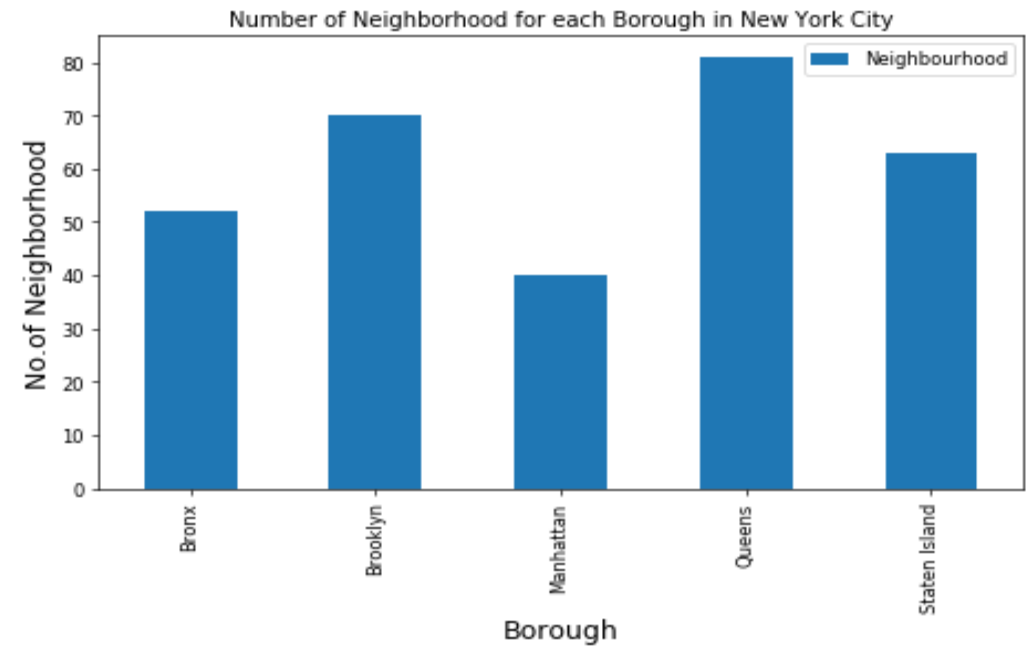
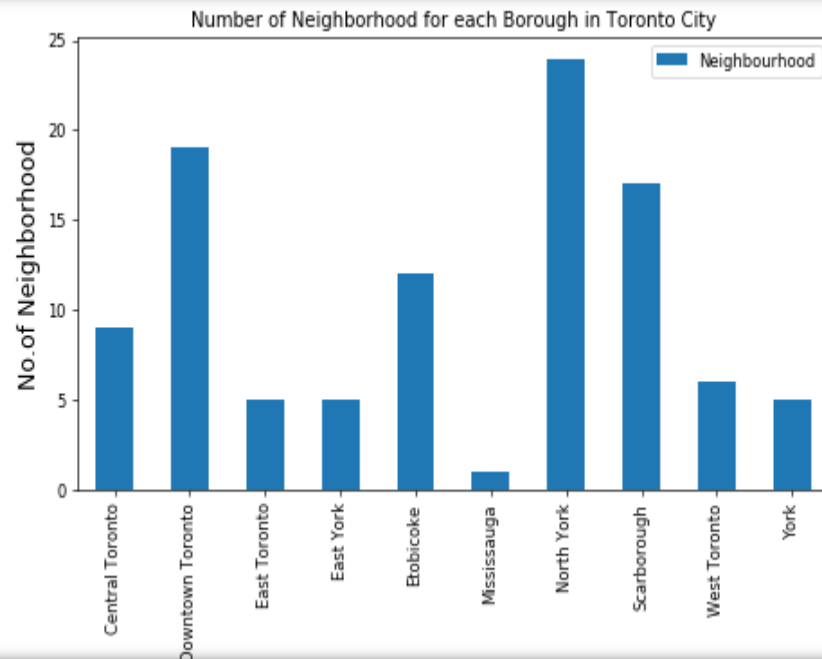
Objective

- ▶ Find out best neighbourhood in Toronto and New York.
- ▶ Find out which investment will be most fruitful
- ▶ Compare the Neighbourhood of New York and Toronto

Visualization



Best Neighbourhood



Best neighbourhood in Toronto is North York and Queens in New York

Top 10 most famous venue by neighbourhood

```
In [25]: north_york_venues['Venue Category'].value_counts()[:10].index.tolist()
```

```
Out[25]: ['Coffee Shop',  
          'Clothing Store',  
          'Restaurant',  
          'Park',  
          'Japanese Restaurant',  
          'Sandwich Place',  
          'Pizza Place',  
          'Grocery Store',  
          'Fast Food Restaurant',  
          'Sushi Restaurant']
```

```
In [53]: queens_venues['Venue Category'].value_counts()[:10].index.tolist()
```

```
Out[53]: ['Pizza Place',  
          'Deli / Bodega',  
          'Chinese Restaurant',  
          'Bakery',  
          'Donut Shop',  
          'Pharmacy',  
          'Bank',  
          'Bar',  
          'Grocery Store',  
          'Sandwich Place']
```

Conclusion

- ▶ It can be concluded that most famous neighbourhood in Toronto is North York and Queens in New York
- ▶ Hottest investment for Toronto is coffee shop while, for New York is Pizza Place.
- ▶ This comparison also shows that people in Toronto have more inclination towards coffee while, Population in New York prefer Pizzas.
- ▶ Thus investment should be made in coffee place in Toronto while in New York, Pizza place should be opened for maximum profit.