



# LOCATION DETERMINATION FOR RESTAURANT OPENING IN TORONTO ANALYSIS REPORT

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25-Dec-2020

# OUTLINE



- Executive Summary
- Introduction
- Methodology
- Results
  - Visualization – Charts
  - Dashboard
- Discussion
  - Findings & Implications
- Conclusion
- Appendix

## EXECUTIVE SUMMARY



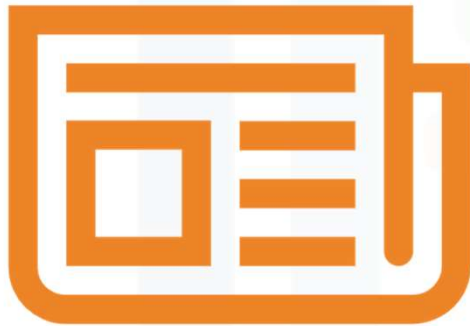
- The project deals people interest in the selected destination
- Analysis Zone
  - People Interest in the City
  - Restaurant Counts in that area
  - Demographics
- Determine where to open the restaurant

# INTRODUCTION



- Nature of Analysis : Graphical Analysis and Analytical
- Problem: To identify where to invest in restaurant business
- What's now
  - People Interest
  - Restaurant Crowd

# METHODOLOGY

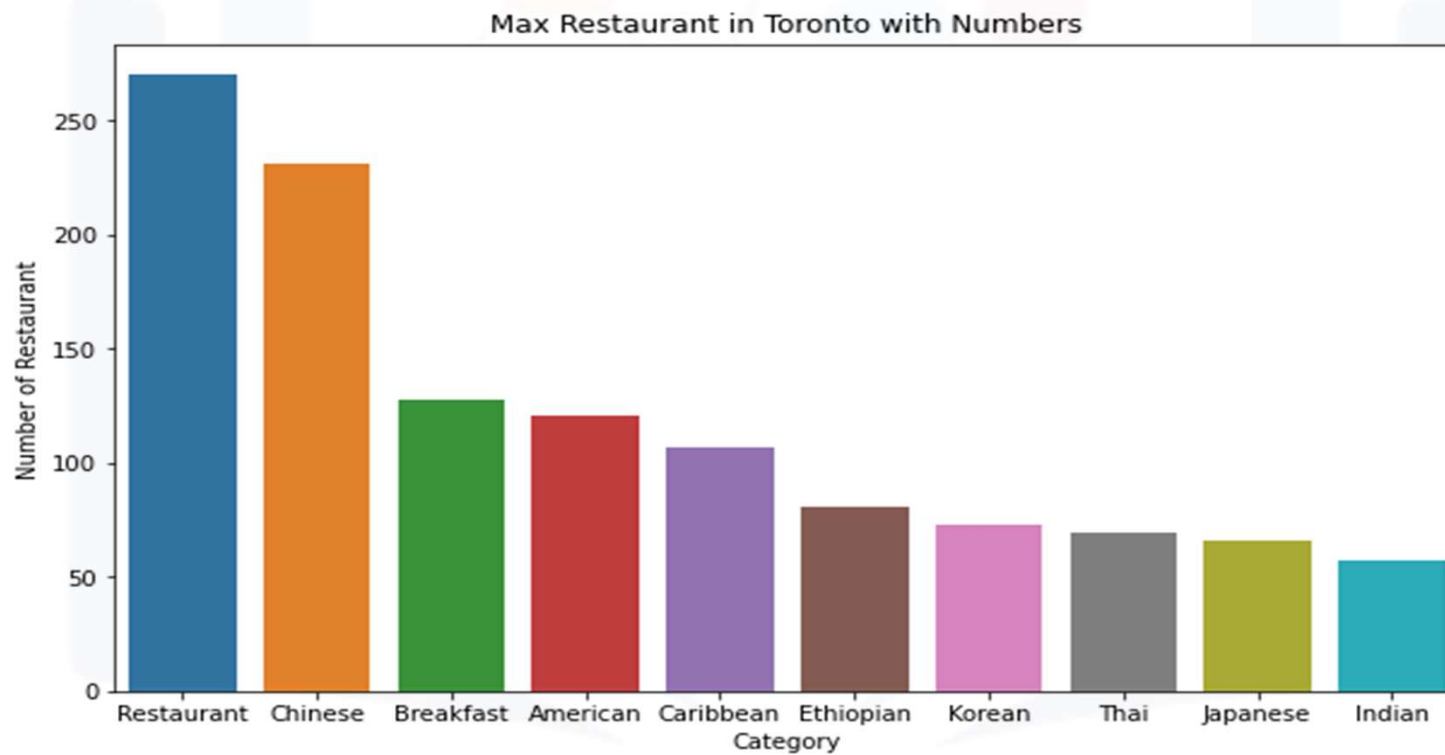


- We have collected data from various resources like
  - Wikipedia Page
  - Foursquare API
- We have cleaned the data
- We figure the outliers and removed it
- We plot the different graphs to view the relationship

## RESULTS

- Our analysis shows that general Restaurant, Chinese and Breakfast item dining, and other category has more effect in Toronto.
- Based on the less distance from city center and less restaurant we have following cities:
  - York,
  - Etobicoke
  - **East York**
  - East Toronto
  - Central Toronto
- Based on the People interest:
  - Downtown Toronto
  - **East York**
  - Scarborough

# RESTAURANT IN TORONTO



# RESTAURANT IN TORONTO- FINDINGS & IMPLICATIONS

## Findings

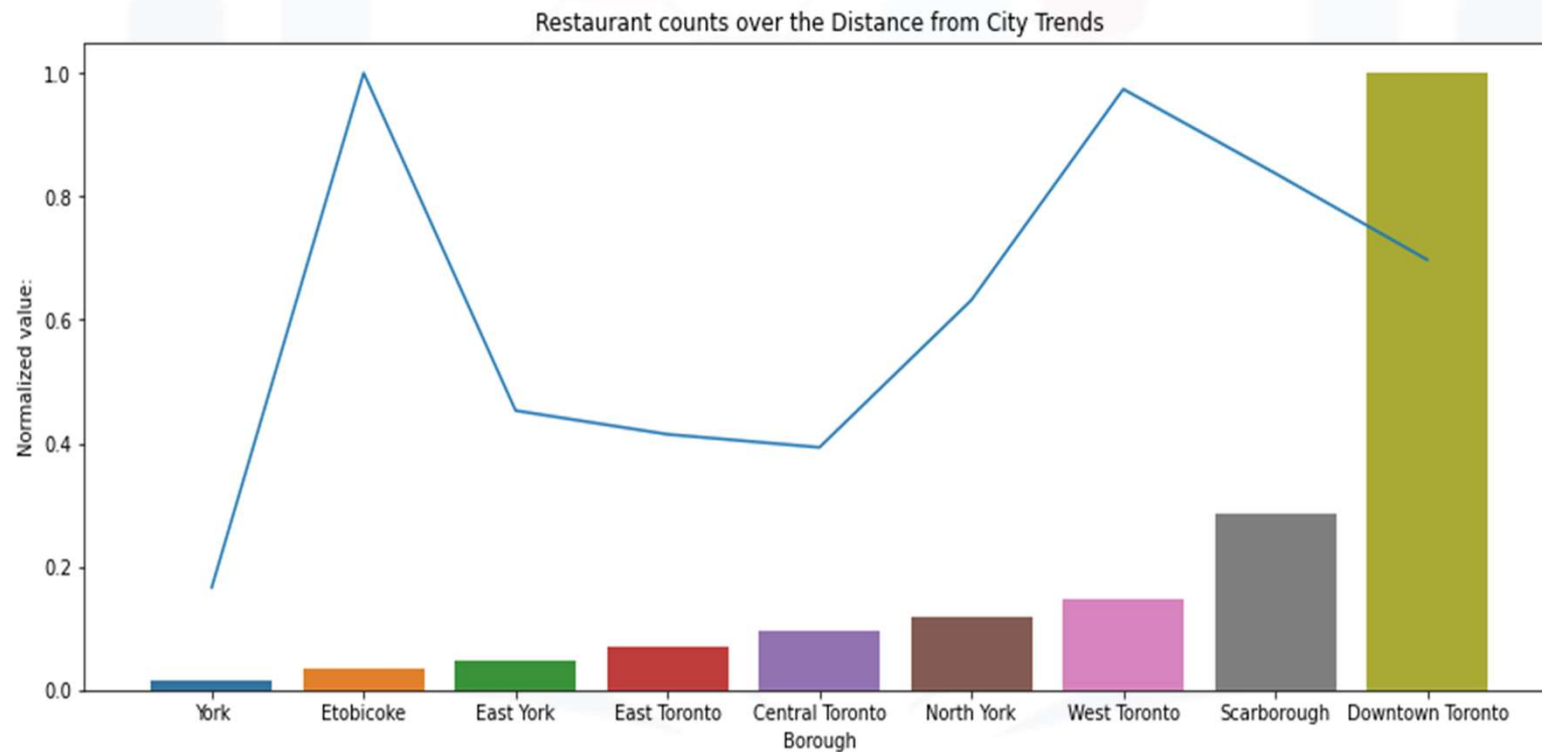
- General Restaurant are domination
- Chinese, American, Caribbean are also favorite
- Also preferred Breakfast type dining.

## Implications

- We can go for anyone these categories as per our comfortability.



# DISTANCE AND RESTAURANT COUNT RELATION



# DISTANCE AND RESTAURANT COUNT RELATION- FINDINGS & IMPLICATIONS

## Findings

- Top 5 cities which has less no of restaurant and also are less far from city center
  - York,
  - Etobicoke
  - **East York**
  - East Toronto
  - Central Toronto

## Implications

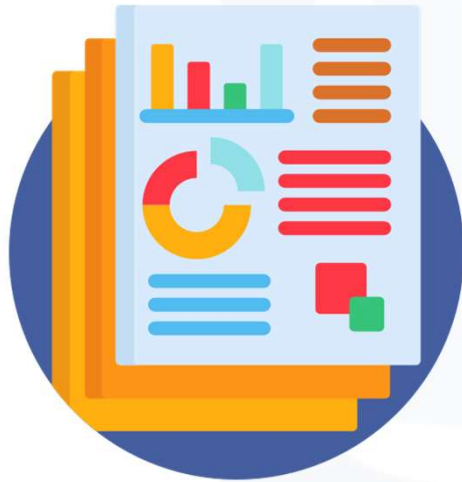
- These cities can be the point of investment

# NOTEBOOK



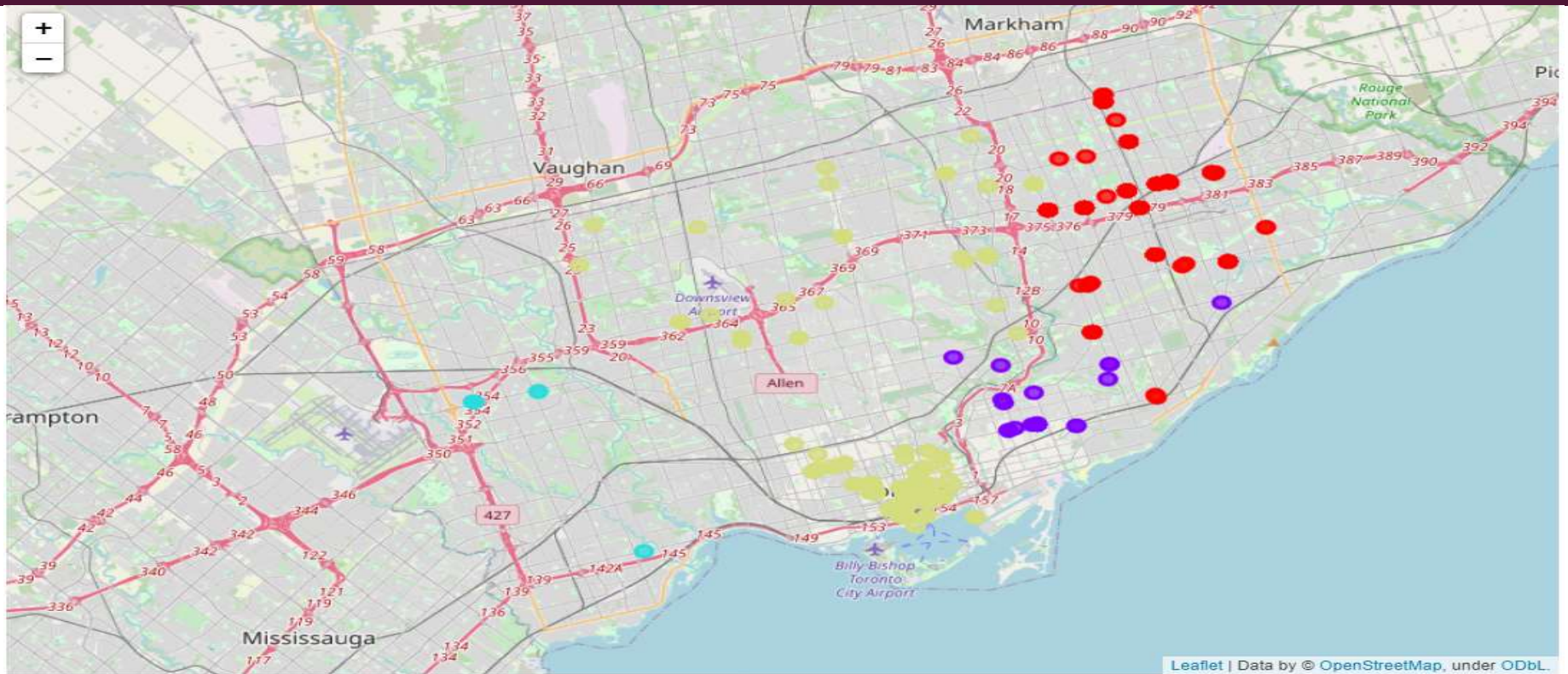
[https://github.com/amitkumar8636/Coursera\\_Capstone\\_Location\\_Analysis/blob/main/Capstone\\_Applied\\_DS.ipynb](https://github.com/amitkumar8636/Coursera_Capstone_Location_Analysis/blob/main/Capstone_Applied_DS.ipynb)

# REPORT



[https://github.com/amitkumar8636/Coursera\\_Capstone\\_Location\\_Analysis/blob/main/Capstone\\_Applied\\_DS\\_Report.pdf](https://github.com/amitkumar8636/Coursera_Capstone_Location_Analysis/blob/main/Capstone_Applied_DS_Report.pdf)

# CLUSTER



IBM Developer

SKILLS NETWORK 

## DISCUSSION

So, Where you Planning to open the Restaurant Now

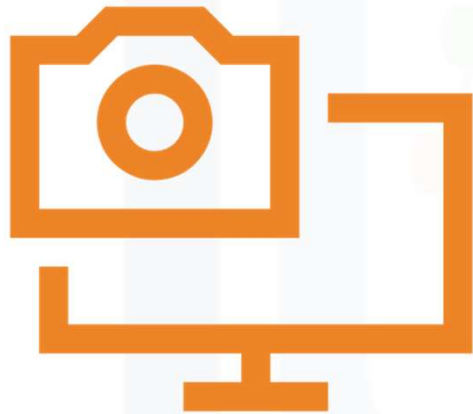


# CONCLUSION



- Being competitive in the market you must choose the location based on the determination
- Always keep people interest in mind
- You can move little towards Coastal Area for the office
- Chose some security and other geographical detail before final decision

## APPENDIX



The data is captured through Foursquare API and some data is captured through Wikipedia site scrapping.