

Indian Restaurant in Toronto



Factors to consider



- **Total population**
- **Income**
- **Indian population**
- **Competition**

Neighborhoods

Postalcode	Borough	Neighborhood
M3A	North York	Parkwoods
M4A	North York	Victoria Village
M5A	Downtown Toronto	Regent Park, Harbourfront
M6A	North York	Lawrence Manor, Lawrence Heights
M7A	Downtown Toronto	Queen's Park, Ontario Provincial Government

https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M

Location Data

Postal Code	Latitude	Longitude
M1B	43.806686	-79.194353
M1C	43.784535	-79.160497
M1E	43.763573	-79.188711
M1G	43.770992	-79.216917
M1H	43.773136	-79.239476

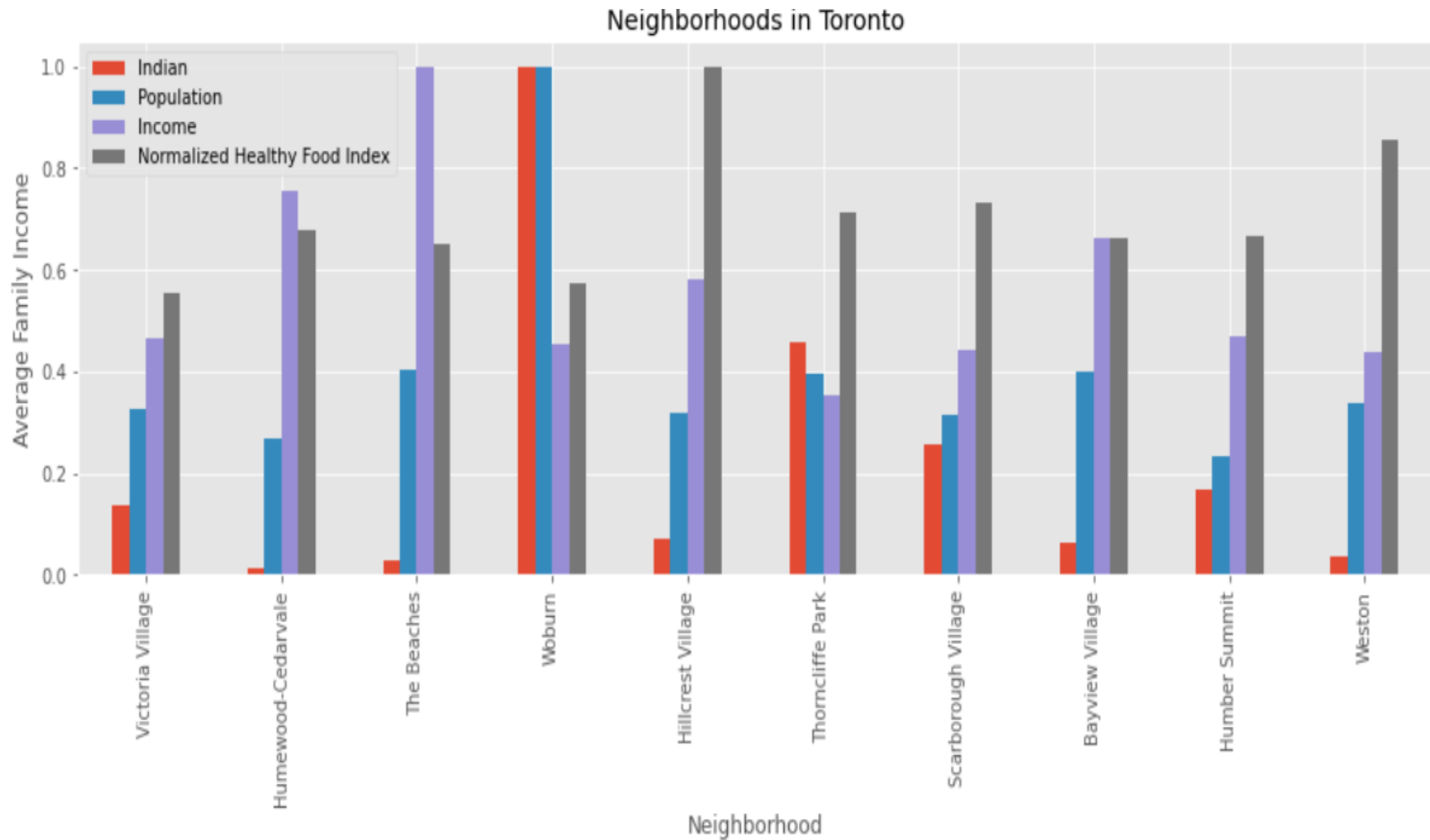
http://cocl.us/Geospatial_data

Demographics Data

Neighborhood	Total Population	Average Family Income	Healthy Food Index	Indian
West Humber-Clairville	33312.0	72820.0	23.82	13920.0
Mount Olive-Silverstone-Jamestown	32954.0	57411.0	37.57	11095.0
Thistletown-Beaumont Heights	10360.0	70838.0	42.26	2555.0
Rexdale-Kipling	10529.0	69367.0	23.31	1420.0
Elms-Old Rexdale	9456.0	61196.0	24.71	840.0

<http://map.toronto.ca/wellbeing>

Comparison of Neighborhoods



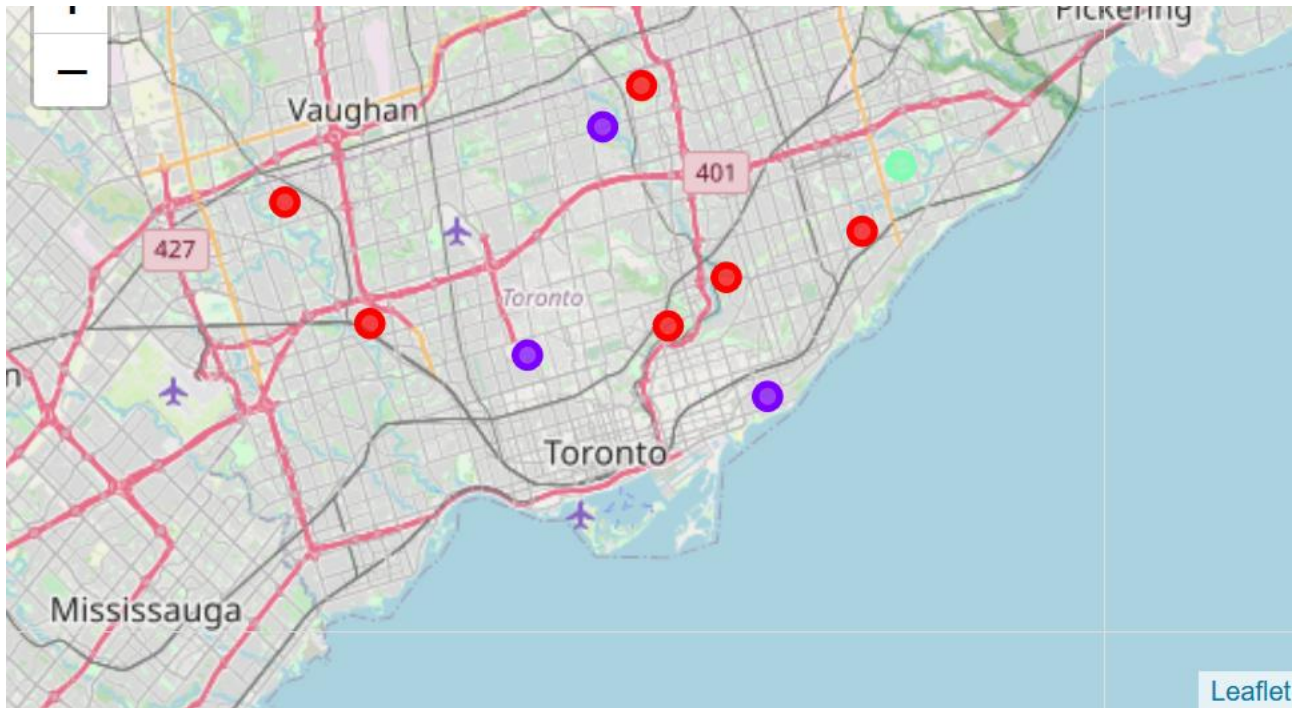
FourSquare API



K means clustering

Neighborhood	Total Population	Average Family Income	Healthy Food Index	Indian	Venue
Victoria Village	17510.0	65104.0	26.90	2985.0	48
Humewood-Cedarvale	14365.0	105770.0	32.85	320.0	100
The Beaches	21567.0	139757.0	31.53	645.0	88
Woburn	53485.0	63186.0	27.73	21545.0	34
Hillcrest Village	16934.0	81484.0	48.46	1525.0	48
Thornccliffe Park	21108.0	49530.0	34.53	9845.0	70
Scarborough Village	16724.0	61631.0	35.48	5520.0	37
Bayview Village	21396.0	92800.0	32.12	1360.0	26
Humber Summit	12416.0	65757.0	32.33	3590.0	23
Weston	17992.0	61470.0	41.45	765.0	40

Clustered Neighborhood



```
cluster.loc[toronto_merged['Cluster'] == 0]
```

	Cluster	Total Population	Average Family Income	Healthy Food Index	Indian	Venue
Neighborhood						
Victoria Village	0	17510.0	65104.0	26.90	2985.0	48
Hillcrest Village	0	16934.0	81484.0	48.46	1525.0	48
Thorncliffe Park	0	21108.0	49530.0	34.53	9845.0	70
Scarborough Village	0	16724.0	61631.0	35.48	5520.0	37
Humber Summit	0	12416.0	65757.0	32.33	3590.0	23
Weston	0	17992.0	61470.0	41.45	765.0	40

```
cluster.loc[toronto_merged['Cluster'] == 1]
```

	Cluster	Total Population	Average Family Income	Healthy Food Index	Indian	Venue
Neighborhood						
Humewood-Cedarvale	1	14365.0	105770.0	32.85	320.0	100
The Beaches	1	21567.0	139757.0	31.53	645.0	88
Bayview Village	1	21396.0	92800.0	32.12	1360.0	26

```
cluster.loc[toronto_merged['Cluster'] == 2]
```

	Cluster	Total Population	Average Family Income	Healthy Food Index	Indian	Venue
Neighborhood						
Woburn	2	53485.0	63186.0	27.73	21545.0	34

Indian Cuisine



CONCLUSION

- Bayview Village:

- "Woburn":



REFERENCES

- https://github.com/pampadevi/Coursera_Capstone/blob/master/Indian_Restaurant_Toronto.ipynb

Images are taken from

- <https://www.travelandleisure.com/>
- <https://www.tripadvisor.in/>