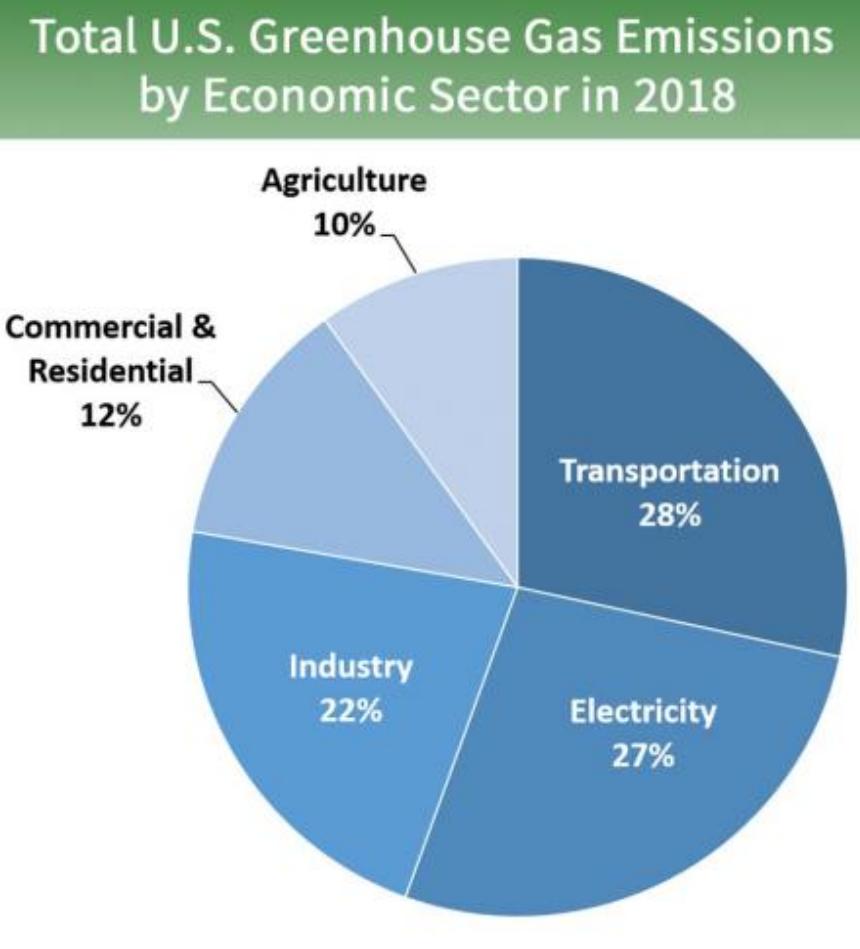




# Comparing Neighborhoods of New York City and Toronto





Climate Crisis

## K-means clustering

Component 2

K-means  
clustering

-4

-2

0

2

4

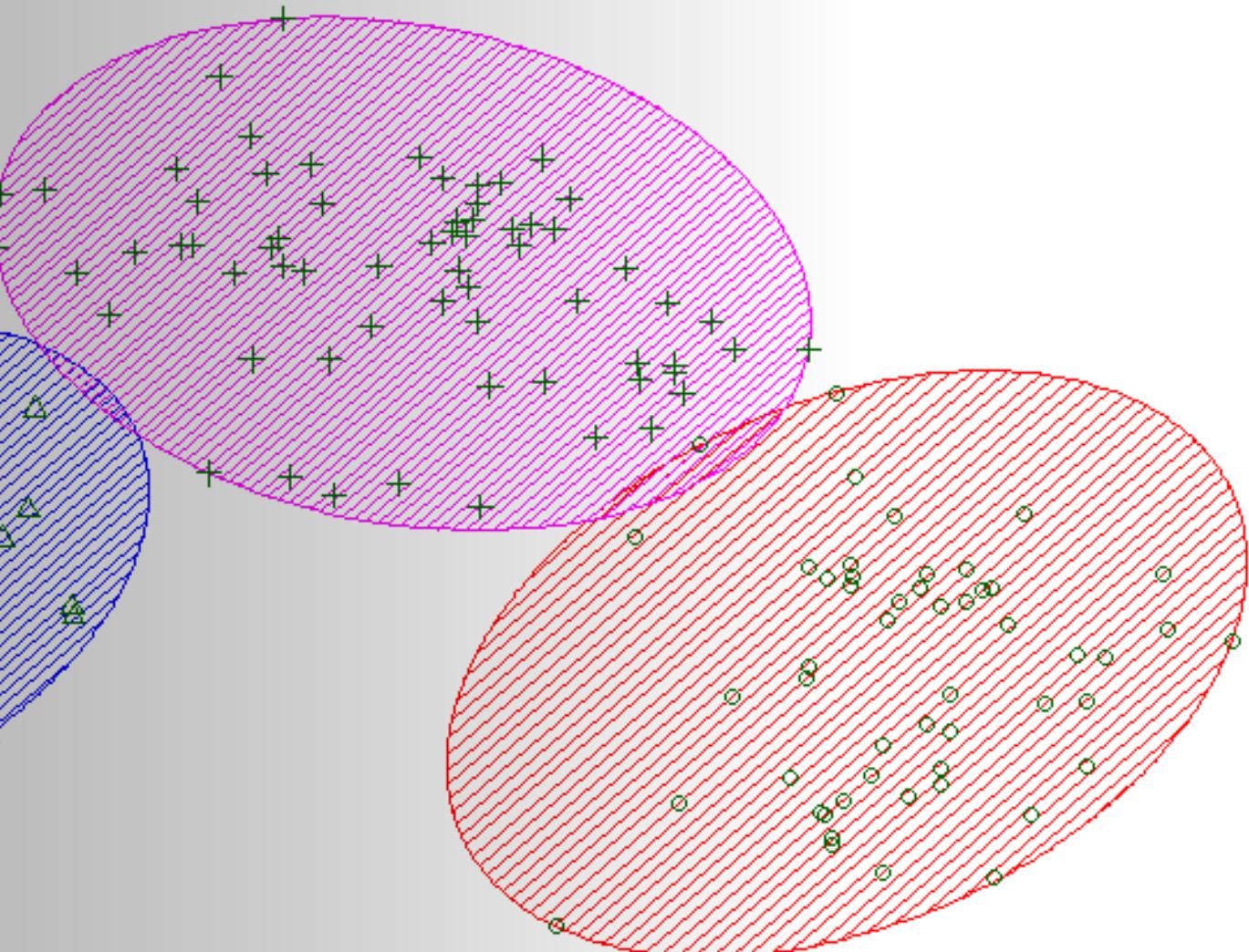
Component 1

4

2

0

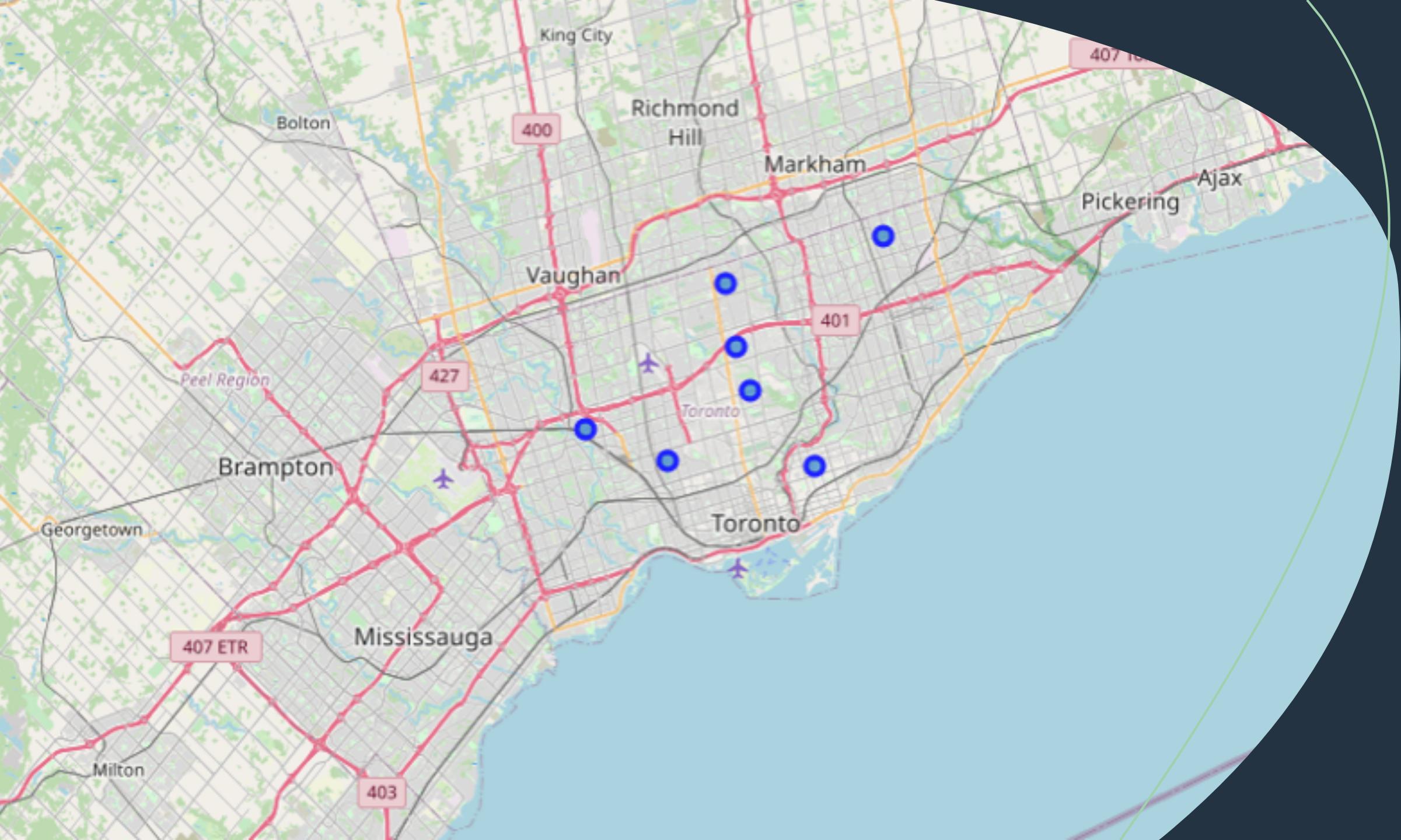
-2



# Results: Model

	Borough	Neighborhood	Latitude	Longitude	Cluster Labels	Accessories Store	Adult Boutique	Afghan Restaurant	African Restaurant	American Restaurant	...
6	Manhattan	Marble Hill	40.876551	-73.910660	1	0.000000	0.000000	0.0	0.0	0.041667	...
100	Manhattan	Chinatown	40.715618	-73.994279	0	0.000000	0.000000	0.0	0.0	0.040000	...
101	Manhattan	Washington Heights	40.851903	-73.936900	0	0.012346	0.000000	0.0	0.0	0.012346	...
102	Manhattan	Inwood	40.867684	-73.921210	3	0.000000	0.000000	0.0	0.0	0.018868	...
103	Manhattan	Hamilton Heights	40.823604	-73.949688	3	0.000000	0.015873	0.0	0.0	0.000000	...

```
0                               Caledonia-Fairbanks
1                               East Toronto, Broadview North (Old East York)
2                               Willowdale, Newtonbrook
3                               Lawrence Park
4                               Weston
5                               York Mills West
6  Milliken, Agincourt North, Steeles East, L'Amo...
Name: Neighborhood, dtype: object
```



# References

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