

The Battle of the Neighborhood - Week 1

2 Description of Data

2.1 Data 1 Toronto neighborhood demography

This dataset contains figures on several demographics of the Toronto quarries in 2016, among them:

- Number of inhabitants of different ethnicities.
- Average monthly income.
- Number of women and men.
- Dominant languages
- Number of individuals per age group.
- Family member.

And many other more or less useful features.

The links is available via the following link:

<https://www.toronto.ca/city-government/data-research-maps/neighbourhoods-communities/neighbourhood-profiles/>

Neighbourhood Number Neighbourhood Information	TSNS2020 Designation Neighbourhood Information	Population, 2016 Population and dwellings	Population, 2011 Population and dwellings	Population Change 2011-2016 Population and dwellings	Total private dwellings Population and dwellings	Private dwellings occupied by usual residents Population and dwellings	Population density per square kilometre Population and dwellings	Land area in square kilometres Population and dwellings	Children (0-14 years) Age characteristics	Youth (15-24 years) Age characteristics	
Agincourt North	129.0	No Designation	29113.0	30279.0	-3.9	9371.0	9120.0	3929.0	7.41	3840.0	3705.0
Agincourt South-Malvern West	128.0	No Designation	23757.0	21988.0	8.0	8535.0	8136.0	3034.0	7.83	3075.0	3360.0
Alderwood	20.0	No Designation	12054.0	11904.0	1.3	4732.0	4616.0	2435.0	4.95	1760.0	1235.0
Annex	95.0	No Designation	30526.0	29177.0	4.6	18109.0	15934.0	10863.0	2.81	2360.0	3750.0
Banbury-Don Mills	42.0	No Designation	27695.0	26918.0	2.9	12473.0	12124.0	2775.0	9.98	3605.0	2730.0
Bathurst Manor	34.0	No Designation	15873.0	15434.0	2.8	6418.0	6089.0	3377.0	4.70	2325.0	1940.0
Bay Street Corridor	76.0	No Designation	25797.0	19348.0	33.3	18436.0	15074.0	14097.0	1.83	1695.0	6860.0
Bayview Village	52.0	No Designation	21396.0	17671.0	21.1	10111.0	9532.0	4195.0	5.10	2415.0	2505.0
Bayview Woods-Steeles	49.0	No Designation	13154.0	13530.0	-2.8	4895.0	4698.0	3240.0	4.06	1515.0	1635.0
Bedford Park-Nortown	39.0	No Designation	23236.0	23185.0	0.2	9052.0	8607.0	4209.0	5.52	4555.0	3210.0

10 rows x 2185 columns

2.2 Data 2 foursquare

I used the Foursquare API to get all the sites within 1 mile (1.6 KM) and the center is at the coordinates of the Toronto neighborhoods.

This provides information on the longitude and latitude, the name of the establishment, the neighborhood it belongs to and other information.

In short, I took all the sites that are located in the neighborhoods of Toronto

	Neighborhoods	address	categories	cc	city	country	crossStreet	distance	formattedAddress	id	labeledLat
0	Agincourt North	1571 Sandhurst Circle	Fast Food Restaurant	CA	Scarborough	Canada	at Finch Ave E	86	[1571 Sandhurst Circle (at Finch Ave E), Scarb...	4b79cec5f964a52065132fe3	[[{"label": "display", "lat": 43.808331321150}
1	Agincourt North	115 Commander Blvd	Badminton Court	CA	Scarborough	Canada	NaN	1636	[115 Commander Blvd, Scarborough ON M1S 3M7, C...	537682a2498e21d3bd145911	[[{"label": "display", "lat": 43.793546085577}
2	Agincourt North	McCowan Rd	Bus Line	CA	Toronto	Canada	Sheppard	2086	[McCowan Rd (Sheppard), Toronto ON, Canada]	4edd36982c5b50aba1f0ea86	[[{"label": "display", "lat": 43.790052037088}
3	Agincourt North	5039 Finch Ave E	Residential Building (Apartment / Condo)	CA	Toronto	Canada	NaN	54	[5039 Finch Ave E, Toronto ON M1S 5L6, Canada]	4f64cd28e4b03be1036bcc7f	[[{"label": "display", "lat": 43.807633636322}
4	Agincourt North	1571 Sandhurst Circle, Woodside Square	Discount Store	CA	Scarborough	Canada	in Woodside Square	290	[1571 Sandhurst Circle, Woodside Square (in Woo...	4bf43bc3cad2c92805af9b99	[[{"label": "display", "lat": 43.808894, "ir

2.3 Data 3 Wikipedia List of city-designated neighbourhoods in Toronto.

This dataset contains all Toronto neighborhoods with their boroughs. It serves to assign a district to each neighborhood in Dataset 1.

https://en.wikipedia.org/wiki/List_of_city-designated_neighbourhoods_in_Toronto

	CDN number	City-designated area	Former city/borough	Neighbourhoods covered	Map
0	129	Agincourt North	Scarborough	Agincourt and Brimwood	NaN
1	128	Agincourt South-Malvern West	Scarborough	Agincourt and Malvern	NaN
2	20	Alderwood	Etobicoke	Alderwood	NaN
3	95	Annex	Old City of Toronto	The Annex and Seaton Village	NaN
4	42	Banbury-Don Mills	North York	Don Mills	NaN