

Data Utilized in Report

Below is description of the data that have been used to search out the neighborhoods in Toronto CA.

- Data was scraped from the Toronto Neighborhood Wikipedia page at https://en.wikipedia.org/w/index.php?title=List_of_postal_codes_of_Canada:_M&oldid=890001695.
- Neighborhood data was then cleaned to show all existing neighborhoods in the Toronto area based on postal code, grouped by Borough, and a map was created to explore the data from a broad view based on latitude and longitude of the neighborhoods.

	Neighbourhood	Lat	Lng	Borough
0	Rouge	43.806686	-79.194353	Scarborough
1	Malvern	43.806686	-79.194353	Scarborough
2	Highland Creek	43.784535	-79.160497	Scarborough
3	Rouge Hill	43.784535	-79.160497	Scarborough
4	Port Union	43.784535	-79.160497	Scarborough
5	Guildwood	43.763573	-79.188711	Scarborough
6	Morningside	43.763573	-79.188711	Scarborough
7	West Hill	43.763573	-79.188711	Scarborough
8	Woburn	43.770992	-79.216917	Scarborough
9	Cedarbrae	43.773136	-79.239476	Scarborough
10	Scarborough Village	43.744734	-79.239476	Scarborough
11	East Birchmount Park	43.727929	-79.262029	Scarborough



- The Four Square Developer API was then used to locate venues within 100 meters of the geolocation of the center of each neighborhood, and a new table was created to show this data.

	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
0	Scarborough Village	43.744734	-79.239476	McCowan Park	43.745089	-79.239336	Playground
1	Birch Cliff	43.692657	-79.264848	Vertex Auto Repair	43.692437	-79.265737	Auto Garage
2	Cliffside West	43.692657	-79.264848	Vertex Auto Repair	43.692437	-79.265737	Auto Garage
3	L'Amoreaux West	43.799525	-79.318389	Mr Congee Chinese Cuisine 龍鄉記	43.798879	-79.318335	Chinese Restaurant
4	L'Amoreaux West	43.799525	-79.318389	Subway	43.798671	-79.318475	Sandwich Place
5	L'Amoreaux West	43.799525	-79.318389	KFC	43.798938	-79.318854	Fast Food Restaurant
6	L'Amoreaux West	43.799525	-79.318389	Shoppers Drug Mart	43.799966	-79.317985	Pharmacy
7	L'Amoreaux West	43.799525	-79.318389	Tim Hortons	43.799102	-79.318715	Coffee Shop
8	L'Amoreaux West	43.799525	-79.318389	One's Better Living	43.798866	-79.318590	Furniture / Home Store
9	L'Amoreaux West	43.799525	-79.318389	Burger Palace	43.799255	-79.318281	Burger Joint
10	Hillcrest Village	43.803762	-79.363452	New York Fries	43.803664	-79.363905	Fast Food Restaurant

- This table was then transformed to show the frequency of each type of venue within each neighborhood, and the frequencies were grouped into the top 5 inside each neighborhood.

Neighborhood	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue
Adelaide	Greek Restaurant	Japanese Restaurant	Vegetarian / Vegan Restaurant	Concert Hall	Food Court
Alderwood	Dance Studio	Accessories Store	Playground	Gym / Fitness Center	Hotel
Bathurst Manor	Coffee Shop	Accessories Store	Playground	Gym / Fitness Center	Hotel
Bathurst Quay	Performing Arts Venue	Accessories Store	Greek Restaurant	Gym / Fitness Center	Hotel
Bedford Park	Sushi Restaurant	Ice Cream Shop	Fast Food Restaurant	Coffee Shop	Italian Restaurant
Birch Cliff	Auto Garage	Accessories Store	Japanese Restaurant	Pharmacy	Performing Arts Venue
CN Tower	Performing Arts Venue	Accessories Store	Greek Restaurant	Gym / Fitness Center	Hotel
Cabbagetown	Italian Restaurant	Accessories Store	Greek Restaurant	Gym / Fitness Center	Hotel
Central Bay Street	Pharmacy	Coffee Shop	Sandwich Place	Liquor Store	Performing Arts Venue
Chinatown	Café	Thrift / Vintage Store	Cocktail Bar	Liquor Store	Chinese Restaurant
Cliffside West	Auto Garage	Accessories Store	Japanese Restaurant	Pharmacy	Performing Arts Venue
Commerce Court	Café	Salad Place	Soup Place	Pub	Deli / Bodega
Davisville	Café	Dessert Shop	Seafood Restaurant	Coffee Shop	Toy / Game Store
Design Exchange	Restaurant	Coffee Shop	Gym	Sandwich Place	Bank
Don Mills North	Baseball Field	Accessories Store	Pharmacy	Performing Arts Venue	Park
Don Mills South	Restaurant	Accessories Store	Playground	Gym / Fitness Center	Hotel
Downsview North	Coffee Shop	Accessories Store	Playground	Gym / Fitness Center	Hotel
Fairview	Theater	Bank	Accessories Store	Japanese Restaurant	Performing Arts Venue
First Canadian Place	Coffee Shop	Sandwich Place	Gluten-free Restaurant	Gastropub	Deli / Bodega

- This data was then analyzed to show each neighborhood compared to how it related to the requirements supplied by the requesting company, and the report was drawn.