

BATTLE OF NEIGHBOURHOODS

TORONTO

INTRODUCTION

- TORONTO IS A POPULAR DESTINATION FOR NEW IMMIGRANTS IN CANADA TO RESIDE.
- AIM OF THIS PROJECT IS TO HELP PEOPLE IN EXPLORING BETTER FACILITIES AROUND THEIR NEIGHBOURHOOD.
- HELP PEOPLE TO GET AWARENESS OF THE AREA AND NEIGHBOURHOOD BEFORE MOVING TO A NEW CITY, STATE, COUNTRY OR PLACE FOR THEIR WORK OR TO START A NEW FRESH LIFE.

BUSINESS PROBLEM

- WHICH NEIGHBOURHOODS ARE THE BEST TO LIVE IN THE TERMS OF CONVENIENCE?
- WHICH NEIGHBOURHOODS LACK THE INFRASTRUCTURE FACILITIES?
- WHICH NEIGHBOURHOODS HAVE THE POTENTIAL FOR THE DEVELOPMENT OF INFRASTRUCTURE OF DIFFERENT KINDS?

DATA

- DATA LINK: [HTTPS://EN.WIKIPEDIA.ORG/WIKI/LIST_OF_POSTAL_CODES_OF_CANADA:_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)
- THE DATA WILL BE SCRAPED FROM THE LINK ABOVE. THE DATASET CONSISTS OF LATITUDE AND LONGITUDE, ZIP CODES.
- FOURSQUARE API
- FOURSQUARE IS A LOCATION DATA PROVIDER WITH INFORMATION ABOUT ALL MANNER OF VENUES AND EVENTS WITHIN AN AREA OF INTEREST.
- SUCH INFORMATION INCLUDES VENUE NAMES, LOCATIONS, MENUS AND EVEN PHOTOS.

METHODOLOGY

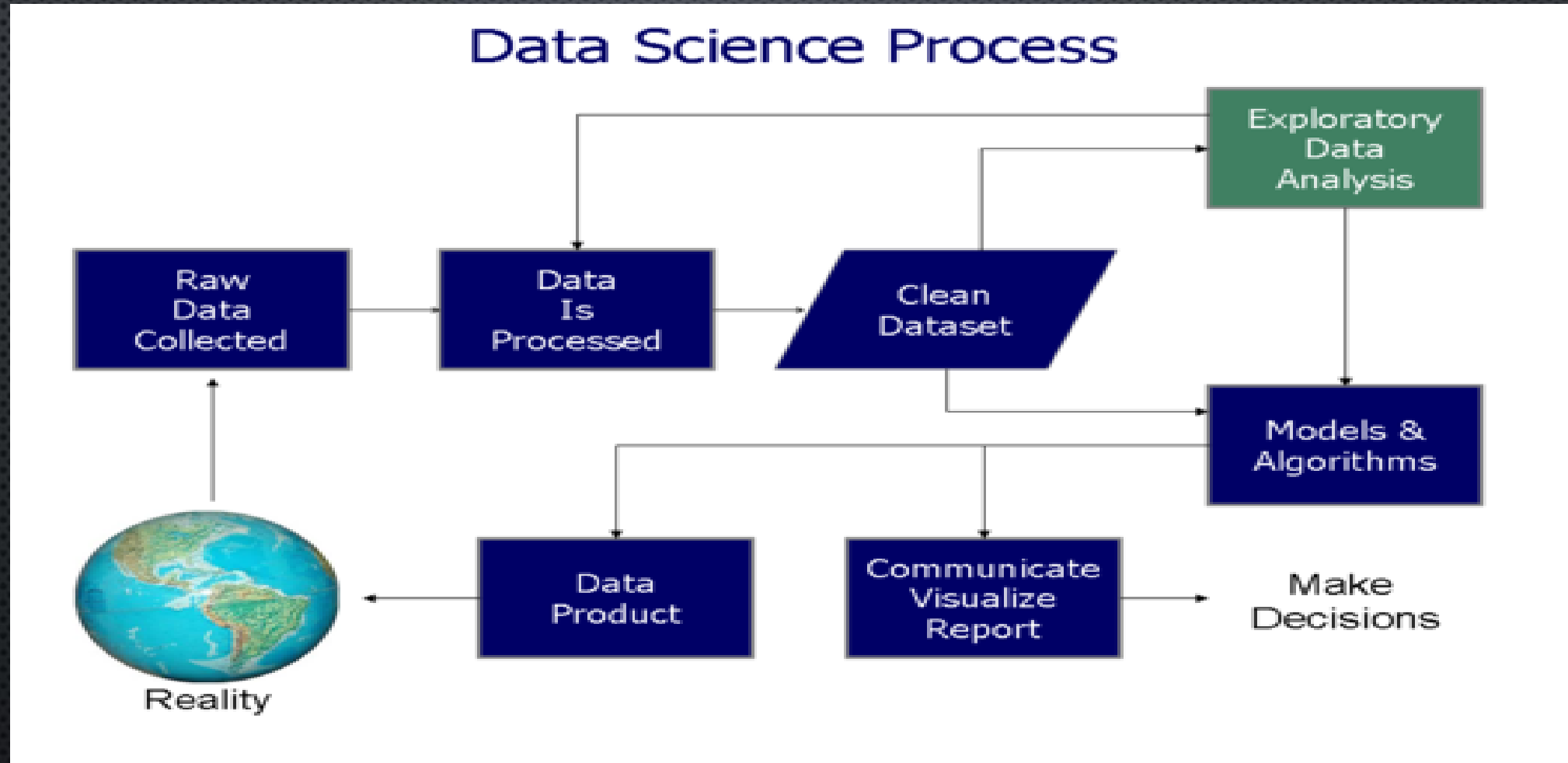
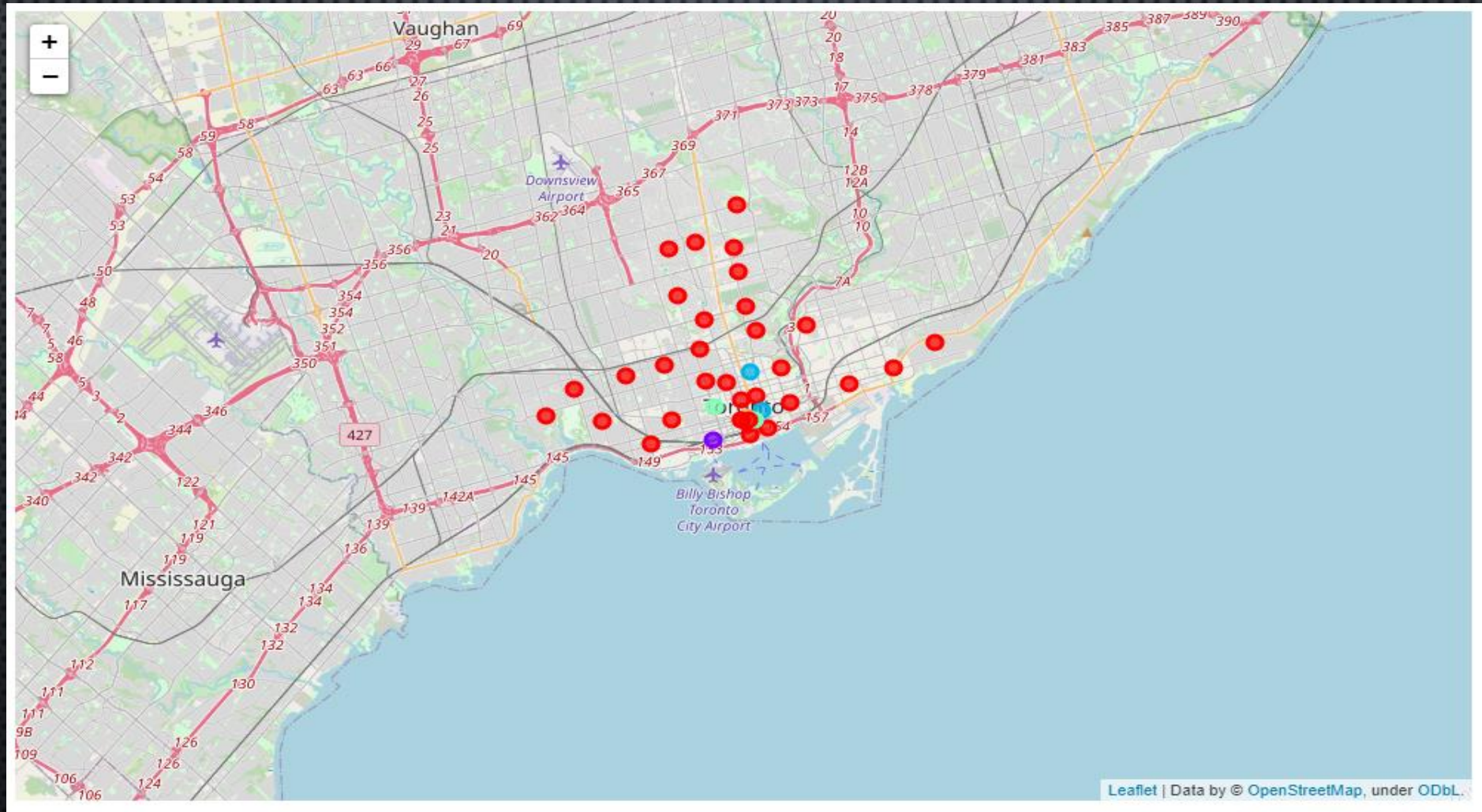


Image extracted from
www.kdnuggets.com

RESULTS



CLUSTER 1

	Borough	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
0	East Toronto	0	Health Food Store	Neighborhood	Trail	Pub	Yoga Studio	Dumpling Restaurant	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant
1	East Toronto	0	Intersection	Discount Store	Park	Business Service	Coffee Shop	Ice Cream Shop	Bus Line	Grocery Store	Diner	Distribution Center
2	East Toronto	0	Sandwich Place	Park	Fast Food Restaurant	Pizza Place	Steakhouse	Sushi Restaurant	Pub	Ice Cream Shop	Italian Restaurant	Fish & Chips Shop
3	East Toronto	0	Brewery	Italian Restaurant	Diner	Coffee Shop	Arts & Crafts Store	Pet Store	Seafood Restaurant	Pizza Place	Comfort Food Restaurant	American Restaurant
5	Central Toronto	0	Gym / Fitness Center	Hotel	Department Store	Breakfast Spot	Food & Drink Shop	Park	General Entertainment	Dumpling Restaurant	Farmers Market	Farm
7	Central Toronto	0	Dessert Shop	Italian Restaurant	Sandwich Place	Café	Coffee Shop	Pizza Place	Thai Restaurant	Sushi Restaurant	Indian Restaurant	Restaurant
8	Central Toronto	0	Gym	Tennis Court	Convenience Store	Restaurant	Lawyer	Gift Shop	Dumpling Restaurant	Farmers Market	Farm	Falafel Restaurant
9	Central Toronto	0	Light Rail Station	Coffee Shop	Supermarket	Liquor Store	Electronics Store	Fish & Chips Shop	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant
11	Downtown Toronto	0	Italian Restaurant	Restaurant	Park	Coffee Shop	Café	Bakery	Japanese Restaurant	Jewelry Store	Sandwich Place	Butcher
12	Downtown Toronto	0	Coffee Shop	Gay Bar	Men's Store	Dance Studio	Ramen Restaurant	Breakfast Spot	Bubble Tea Shop	Salon / Barbershop	Restaurant	Juice Bar
13	Downtown Toronto	0	Coffee Shop	Breakfast Spot	Restaurant	Yoga Studio	Spa	Bakery	Distribution Center	Electronics Store	Event Space	Food Truck
14	Downtown Toronto	0	Café	Coffee Shop	Theater	Ramen Restaurant	Comic Shop	Shopping Mall	Burrito Place	Sandwich Place	Electronics Store	Lounge
15	Downtown Toronto	0	Café	Gastropub	Theater	Coffee Shop	Cosmetics Shop	Food Truck	Italian Restaurant	Japanese Restaurant	Middle Eastern Restaurant	Bookstore
16	Downtown Toronto	0	Beer Bar	Farmers Market	Seafood Restaurant	Cocktail Bar	Coffee Shop	Bakery	Liquor Store	Restaurant	Cheese Shop	Fish Market

CLUSTER 2

	Borough	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
22	Central Toronto	1	Home Service	Yoga Studio	Eastern European Restaurant	Fish & Chips Shop	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant	Event Space	Ethiopian Restaurant

CLUSTER 3

	Borough	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
23	Central Toronto	2	Park	Yoga Studio	Eastern European Restaurant	Fish & Chips Shop	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant	Event Space	Ethiopian Restaurant
34	West Toronto	2	Park	Residential Building (Apartment / Condo)	Cupcake Shop	Dance Studio	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant	Event Space	Ethiopian Restaurant

CLUSTER 4

	Borough	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
6	Central Toronto	3	Park	Gym Pool	Playground	Dumpling Restaurant	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant	Event Space	Ethiopian Restaurant
10	Downtown Toronto	3	Gym / Fitness Center	Tennis Court	Playground	Park	Gift Shop	Distribution Center	Farm	Falafel Restaurant	Event Space	Ethiopian Restaurant

CLUSTER 5

	Borough	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
4	Central Toronto	4	Bus Line	Business Service	Swim School	Yoga Studio	Electronics Store	Fast Food Restaurant	Farmers Market	Farm	Falafel Restaurant	Event Space

DISCUSSION

- BASED ON THE RESULTS SHOWN ABOVE, EACH OF THE CLUSTERS ARE SEGMENTED BASED ON THE SIMILARITY OF 'MOST COMMON VENUE'.
- THE MAJOR PURPOSE OF THIS PROJECT IS TO SUGGEST A BETTER NEIGHBORHOOD IN A NEW CITY FOR THE PERSON WHO ARE SHIFTING THERE. CONNECTIVITY TO THE AIRPORT, BUS STAND, CITY CENTER, MARKETS AND OTHER DAILY NEEDS THINGS NEARBY.