

Data Description

From their database, they will identify the key accounts in the area using Pareto Classification. Once identified, the location of key accounts will be mapped. From these data points, clustering will be made to determine the number of distribution centers that needs to be built. After clustering, the team of data scientist, will use the Foursquare API to map out the location of groceries and shopping centers. From these data, the strategic location of the warehouse will be identified. The longitude and latitude data will be extracted from the Toronto Clustering exercised that was done in the previous week.

Their **key accounts** in Ontario are as follows:

Complete data can be found in Wikipedia:https://en.wikipedia.org/wiki/List_of_largest_shopping_malls_in_Canada

Account Name	Location
Square One, Mississauga	Ontario
Yorkdale Shopping Centre, Toronto	Ontario
Scarborough Town Centre, Toronto	Ontario
Rideau Centre*, Ottawa	Ontario
Bramalea City Centre, Brampton	Ontario
Sherway Gardens, Toronto	Ontario
Vaughan Mills, Vaughan	Ontario
Oshawa Centre, Oshawa	Ontario

Geographic Data

The team from supply chain division will utilize the geographic data of Toronto from previous week's assignment.

	PostalCode	Borough	Neighbourhood	Latitude	Longitude
0	M1B	Scarborough	Malvern / Rouge	43.64869	-79.38544
1	M1C	Scarborough	Rouge Hill / Port Union / Highland Creek	43.64869	-79.38544
2	M1E	Scarborough	Guildwood / Morningside / West Hill	43.64869	-79.38544
3	M1G	Scarborough	Woburn	43.64869	-79.38544
4	M1H	Scarborough	Cedarbrae	43.64869	-79.38544