Battle of Neighborhoods week2 Pesentation:

Business Problem:

I am taking the information which we are given in the week1 of our course. Let us built solution to a stock vendor in Scarborough who supplies raw ingredients to nearby restaurants and other small local businesses. To increase the sales and to do the prompt supply to existing customers, this vendor want build a storage to keep his raw material so that he can sell the supplies to the local people in other ways other than supplying to their businesses.

The vendor need to build the storage near to customers so that the cost of transportation costs will be minimized. Now we have to figure out which is the right place to build the storage.

Data:

First, we need to identify the nearby locations in the neighborhood by using geospatial data to figure out the latitude and longitude numbers of Scarborough. This can be googled or provided by the Data scientist depending on the Postal Codes of Scarborough. Also we need to collect data about different locations s in Scarborough. As per our course, this can be done by Foursquare locational information. By locational information for each location we mean basic and advanced information about that venue.

Methodology:

Connecting to Foursquare and Retrieving Locational Data for Each Venue in Every Neighborhood. After finding the list of neighborhoods in Scarborough, use Foursquare API to gather information about venues inside each neighborhood. Create a Data Frame by using gathered Data. After gathering the data, we will clean the raw data we find the appropriate features for each location,

which is our goal. By using K means clustering and  machine learning, it is easy to bring our conclusions.

Discussion:

Scarborough is a large, multicultural area that contains the Scarborough Bluffs, huge cliffs overlooking Lake Ontario. This area is filled with diverse spread of restaurants, including regional Southeast Asian, Chinese, and Indian cuisines. So our vendor business will have potential growth in this area.

Conclusion:

The more data collected the more better results we get.
When I googled, I saw more restaurants in that area, so there is a lot of demand for the vendors. Ofcorse there will be plenty of vendors by now but if our vendor could deliver better quality stuff with better prices definitely the business will be successful in that area.