**Coursera Capstone Project**

**Finding a list of popular venues closed to TTC stations in Toronto**

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**Data**

* A list of all the TTC stations in Line 1,2,3, and 4 will be used. Their coordinates will be used to map them and to retrieve all the venues close to them. Data for all the four lines were retrieved from [: https://scruss.com/blog/2005/12/14/toronto-subway-station-gps-locations/](file:///C:\Users\CLIN1453\Documents\%20https\scruss.com\blog\2005\12\14\toronto-subway-station-gps-locations\). The four .csv files were merged and read as one file to get all the station points in one. Since the coordinates were readily available, there was no need of other packages to retrieve them
* All the venues in the vicinity were obtained with the help of Foursquare API. With the help of Foursquare API, and machine learning technique such as K means clustering, the locations were plotted in a folium map. In addition, data cleaning, wrangling and visualization were utilized to achieve the result.