I) A full report consisting of all of the following components (15 marks):

* 1.Introduction where you discuss the business problem and who would be interested in this project.

Ans: Business Requirement:

Based on the previous scenarios discussed on this Capstone journey, I would like to build and solve the following problem:

There is a project we have got from 'Multi-chain Business Group' to identify the best place to open a 'Type of Shop' in the areas of City Toronto and NewYork , so that they can yield better profit based on the 'Selected-place' which we would be identifying using the DataScience approach.

* 2.Data where you describe the data that will be used to solve the problem and the source of the data.

The Data will be used from the NewYork and Toronto geo-spatial data.

##### We will be Creating Foursquare Url for New York and toronto to find the locations

##### Will cleane the json and structure it into a pandas dataframe and Find the Frequency of Neighbourhoods for both the cities.

* 3.Methodology section which represents the main component of the report where you discuss and describe any exploratory data analysis that you did, any inferential statistical testing that you performed, and what machine learnings were used and why.

**Ans:**  Data Pre-processing will be done on the pre-processed/initial data using pandas library.

K-Means Clustering technique from Machine Learning is used to identify/cluster the places which will be used to best pick the places to open the new store…

So that, We would be able to choose and Recommend many such Place/stores to our Business partner.... so that they can start their new Business to leverage the Best Profit.

* 4.Results section where you discuss the results.

**Ans:** The result will be the cluster of places/venues in both the cities.

* 5.Discussion section where you discuss any observations you noted and any recommendations you can make based on the results.

**Ans:** We can easily find the location on which particular Store can be opened, where there is very limited competition and only growth.

* 6.Conclusion section where you conclude the report.

**Ans:** This report is amazing and wonderful experience to identify the final result/venues from both the Major cities.