

Applied data science capstone project

Week 1

○ **Introduction :**

In this project we will try to find the best place to start our business in coffee shop in New York city(N/Y)

To do that our data that we need will be as follow:

1. Boroughs, Neighborhoods list of N/Y including their latitude and longitude from https://cocl.us/new_york_dataset
2. GeoSpace data to clearly define the boundaries of each boroughs from <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmi-j8zm>
3. Coffee shops in each neighbourhood in N/Y using Foursquare , a data location provider

○ **Methodology :**

By Foursquare we will find all venues for each neighbourhood using N/Y dataset as mentioned in introduction section .

Then we clean , wrangle and filter our data related to coffee shops to be in a suitable form to be processed

After that we will make use of customers rating to reach our goals
Collect the new york city data from https://cocl.us/new_york_dataset