Introduction:

New York City is a massive place and since there are so many different types of shops and restaurants in such a dense environment it can be difficult for someone with a great new concept to identify where to locate. One important aspect of that decision is understanding how many competitors there are in an area. I will use python and the Foursquare API to identify neighborhood clusters and then find out how many competitors there would be for a new coffee shop in each neighborhood and recommend the location to setup a new shop.

Data:

I will use python, the lab’s New York City Borough and Neighborhood data and the Foursquare location data to answer this question. Specifically, I will be using the venue type as well as the longitude and latitude data from Foursquare in combination with the neighborhood data to identify which type and how many venues are present in each neighborhood.

Methodology:

discuss and describe any exploratory data analysis that you did, any inferential statistical testing that you performed, if any

Results:

Discuss the results

Discussion:

discuss any observations you noted and any recommendations you can make based on the results.

Conclusion:

conclude the report.