

1. Introduction

1.1 Background

In this project we analyze the dataset of New York City. We explore the dataset to find the Neighborhood. Neighborhood has a total of 5 boroughs and 306 neighborhoods. In order to segment the neighborhoods and explore them, we need a dataset that contains the 5 boroughs and the neighborhoods that exist in each borough as well as the latitude and longitude coordinates of each neighborhood. After that using explore function we get the most common venue categories in each neighborhood. Using this data we predicted the best place to open a Restaurant in New York.

1.2 Problem

If in New York someone wants to open a restaurant then he/she must open it in such place where profit is more. And the place where people often visit Restaurant is best place to open it. This project aims to predict the best place to open a new Restaurant more over it will also predict which kind of restaurant it should be i.e. Indian, American, Mexican, Italian, etc.