Capstone Project – The Battle of Neighborhoods (Week 1)

Introduction/Business Problem

New York City is experiencing a Chinese food renaissance. There are a lot of spots in the city with the Chinese food available.

In this project we will try to find an optimal location for a restaurant. Specifically, this report will be targeted to stakeholders interested in opening a Chinese restaurant in New York City, USA.

Since there are lots of restaurants in New York City we will try to detect locations that are not already crowded with restaurants. We are also interested in areas with no Chinese restaurants in nearby.

We will use our data science powers to compare different neighborhoods in NY. Advantages of each area will then be clearly expressed so that best possible final location can be chosen by stakeholders.

The main purpose of this project is answer following questions:

1. Visualize which parts of the city have Chinese Restaurants
2. Identify the best area for Chinese Cuisine in NYC
3. Identify the areas which lack the Chinese Restaurants

Answering this three questions will help to answer the main problem question:

1. What is best place to open new Chinese Restaurant in New York City?