
Battle of the neighbourhoods - final project

September 2019

Introduction

New York City is a major city located in the United States of America. It is a hub of multiculturalism and provides several opportunities for new businesses. New York City is famous for its excellent food scene. We are looking to create a food guide for Asian restaurants in New York City, to be used by tourists. For this we need to identify the various types of restaurants and their locations. Finally we identify the area with maximum number of Asian restaurants.

Methodology

- ❖ Extract data relating to New York neighbourhoods and create a dataframe
- ❖ Extract geographical coordinates and map of New York City with all neighbourhoods
- ❖ Extract information pertaining to venues using Foursquare API
- ❖ From overall venues information, extract restaurants data
- ❖ From total restaurants data, extract the restaurants serving Asian cuisine
- ❖ 17 types of Asian cuisine were considered, concentrating on East Asian and South East Asian food
- ❖ Create a dataframe highlighting the neighbourhood and the restaurants serving Asian cuisine in that neighbourhood

Results

The top neighbourhoods in New York which have 15 or more Asian restaurants are the following

- ❖ Murray Hill - 35
- ❖ Chinatown - 29
- ❖ Midtown South - 19
- ❖ Flushing - 18
- ❖ Sunnyside Gardens - 16
- ❖ Turtle Bay - 16
- ❖ East Village - 15
- ❖ Elmhurst - 15

Observations

- ❖ The top 5 most popular types of Asian restaurants in New York are - Chinese, Sushi, Japanese, Thai and Korean
- ❖ For the top 5 cuisines, the areas with most number of restaurants are the following
 - ❖ Chinese - Chinatown
 - ❖ Sushi - Turtle Bay
 - ❖ Japanese - Murray Hill
 - ❖ Thai - Elmhurst
 - ❖ Korean - Murray Hill