

The Restaurant Profile of Bronx Area

1. Introduction

1.1 Introduction

Each city may have thousands restaurants of different types. The restaurants usually not distributed evenly in neighborhoods, which add extra complexity to the profile of restaurant. Having a restaurant profile that describes the distribution of each type of restaurant will provide guidance for people to start new restaurants. In addition, the profile of restaurant will also be helpful for people who plan to move to Bronx to choose the right neighborhood based on their food preference. Here, I did analysis for Bronx area as a proof of principle.

1.2 Goal

The goal of this project is to find out which types of restaurants are most popular in Bronx area and which neighborhood is lacking those types of restaurants.

1.3 Interest

- People who want start a new restaurant but not sure which is the best place to start.
- People who plan to move to a city and have strong food preferences.

2. Data acquisition

Two parts of data will be used for this analysis: neighborhood data and restaurant data. The neighborhood data of Bronx are available at https://cocl.us/new_york_dataset. The restaurant data is available through Foursquare API (<https://developer.foursquare.com>). Foursquare will provide the geological location of restaurants and their the categories.