Coursera Applied Data Science Capstone Project

What Kind of Restaurant Should be Opened

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Part 1: Problem Description

There is a theoretical empty space which supports a restaurant in a New York City neighborhood. The owner has decided to open a restaurant that will be profitable and enhance the neighborhood with something that is missing.

To start the process, the owner decides to assess which restaurants are underrepresented in the neighborhood and adjacent to the neighborhood. For example, if a neighborhood has no Mexican restaurants, but has two just outside the neighborhood, there may not actually any deficiency.

Part 2: Data

I will need geo-location information about each borough and the neighborhoods in each borough. I chose New York because it has so many diverse neighborhoods that are defined in an existing data file.

I will need data about different restaurants in different neighborhoods of each borough. In order to gain the data I will use Foursquare. I will need precise latitude and longitude and type of restaurant.