

IBM Data Science

Where to open your ultimate Vietnamese restaurant in New York?



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I. Introduction

New York City (NYC) is famous for its cultural and ethnic diversity. It is considered as a hope-filled dream for millions of immigrants since 1600s and number of immigrants has risen sharply over pass four decades. This influx has been a driving force behind the growth in city's economy and has helped NYC became a truly international city. Immigrants not only contribute to the diversity in terms of culture and cuisine.

One of the attractive aspects of NYC is that a visit to NYC is a visit to the rest of the world. People from all over the work and their authentic foods can be founded in this vibrant city.

This project mainly focus on analysing major parts of NYC that has great and authentic Vietnamese restaurants. So that whoever wish to open a Vietnamese restaurant can have an overview of how competitive the market is. Additionally, they can find a good place for their business.

II. Data source:

Following data is needed in this project

1. NYC data contains its Boroughs, Neighbourhoods together with their latitude and longitude. (Source: https://cocl.us/new_york_dataset)
2. Vietnamese restaurants across NYC using Foursquare API. Using requests through Foursquare can help acquire the targeted venues, in this case are Vietnamese restaurants.
3. GeoSpace data for visualisation (Source: <https://data.cityofnewyork.us/City-Government/Borough-Boundaries/tqmj-j8zm>)