Coursera Capstone Project : Applied Data Science

Jiajun Zhou

zhouthomas177@gmail.com

1   Introduction

Nowadays, times are exceptionally difficult for our city's restaurants right now, with the spread of the coronavirus, and the unfortunate but necessary social distancing requirements, currently providing many obstacles for Hong Kong's stellar eateries. In light of the current situation, I think that recognition and support of our restaurant scene is particularly important right now. With nearly 7 million inhabitants and the highest metropolitan GDP in the world, an estimated 60 million overseas or mainland visitors are expected to flock to the Hong Kong.

Hong Kong is well-known as one of restaurant capitals of the world. Hong Kong has hit the record high of having 15,000 licensed restaurants, cafes and bars by year end of 2017, with 20.4 restaurants per 10,000 people. It is one of the highest density city of restaurants in the world. Hong Kong is the first batch of Asia's cities to be included in the Michelin's Guide Hong Kong.

I believe it's difficult for a travelers, especially restaurant-goers, to make a choice from among many options since there is also too much information on the web because everybody's got their own take of where to go and it's all so fragmented that you have to assemble it yourself especially if you're wanting non-touristy recommendations.

2   Business Problem

I have done that by updating the list districts around the city that have been doing great things, even if current events have led to a temporary halt in operations. Read on, then as we present our pick of Hong Kong's 10 most common restaurants and get some inspiration for where your next meal could be. Thus, the main objective of the project will be to find ideal spots in different districts of the city. The Foursquare API will used to get location data and clustering methods to group their restaurant venues information.