

Capstone Project - The Battle of Neighborhoods (Week 2)

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Introduction/Business Problem

The year 2020 has been announced as tourism year for Nepal. It has started tourism campaign VisitNepal2020. The Government of Nepal has been working and encourages every citizen to promote the campaign. The objective of this campaign is to promote Nepal's culture, traditions and natural beauty to the world by calling foreign visitors to explore Nepal.

Nepal is known for one of the best valued destinations in the world. It is landlocked country and Kathmandu is the capital city. Its natural beauty, spectacular Himalayan ranges and diversified culture and traditions are obvious reasons that has been making this small beautiful country been visited by many foreigners. Nepal is land of Mount Everest, highest mountain peak of the world. The people from different countries visits here to explore and climb the mountains. Nepal is rich in cultural heritages and has many ancient temples and monasteries. There are 7 UNESCO World Heritage sites including Bhaktapur Durbar Square and Lumbini, birthplace of Gautam Buddha. Nepal boasts a wide range of animals and plants, some found just in Nepal. Nepal has 852 species of birds and bird watching has evolved into a sought-out activity of tourists. Nepal also homes several endangered species such as the Bengal Tiger, One Horned Rhinoceros, Bengal Fox, Red Panda and the elusive Snow Leopard. Nepal is also the best place for recreational activities and water sports like rafting, bungee jumping, rock climbing, paragliding, hiking and camping. Pokhara and Kathmandu are one of the best places in Nepal where many tourists visits and can enjoy different recreational activities. Pokhara lies in Western part of Nepal and takes 25 minutes of air travel from the capital, Kathmandu. The place is also hub for hiking and mountain climbing. In Pokhara and Kathmandu, the visitors will see many restaurants and hotels offering wide range of services. Eatery is also the main business of this place and there are large numbers of it providing local Nepali food, continental, Japanese, Indian, Thailand, Chinese and different cuisines. Nepali dishes are unique itself as it comes with different side dishes. Here in this project, I am focusing on eateries in Kathmandu. What if the tourists love to visit the restaurants that serves Chinese food?

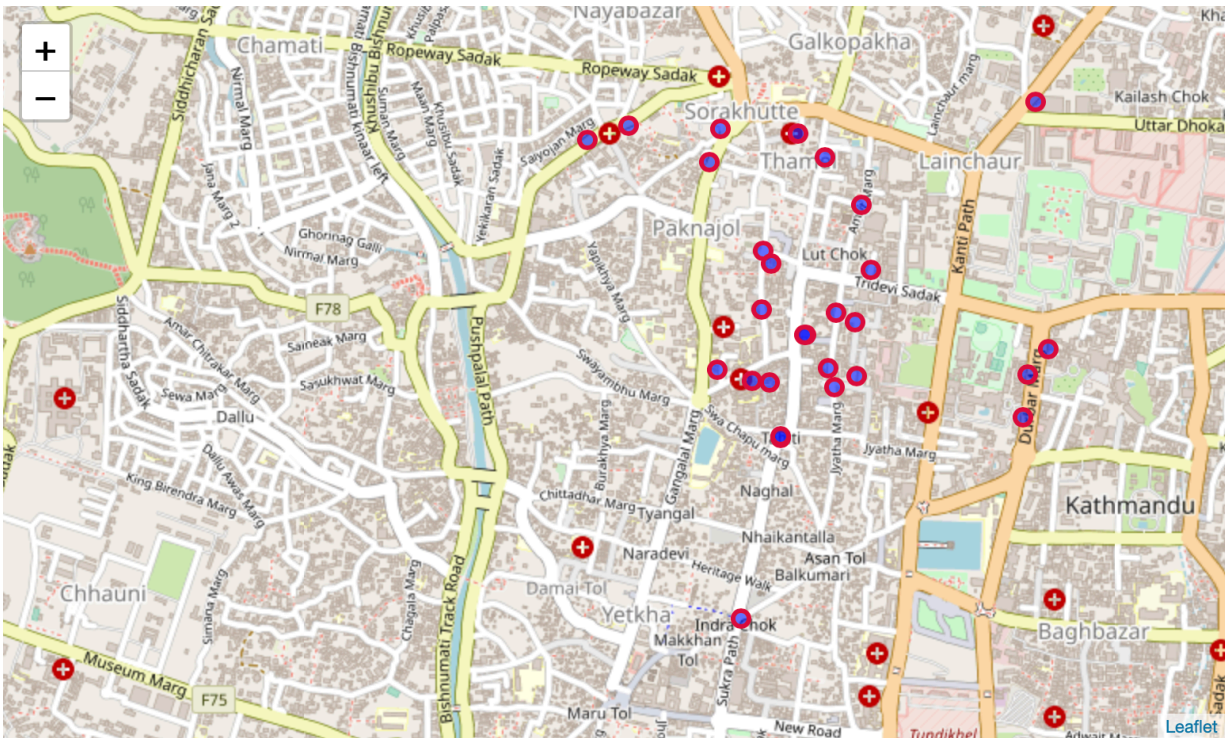
The problem here I am presenting is that many tourists might want to have Chinese food during their visit in Kathmandu. This project will to find restaurants in Kathmandu that serves Chinese food by using location data.

Data Acquisition

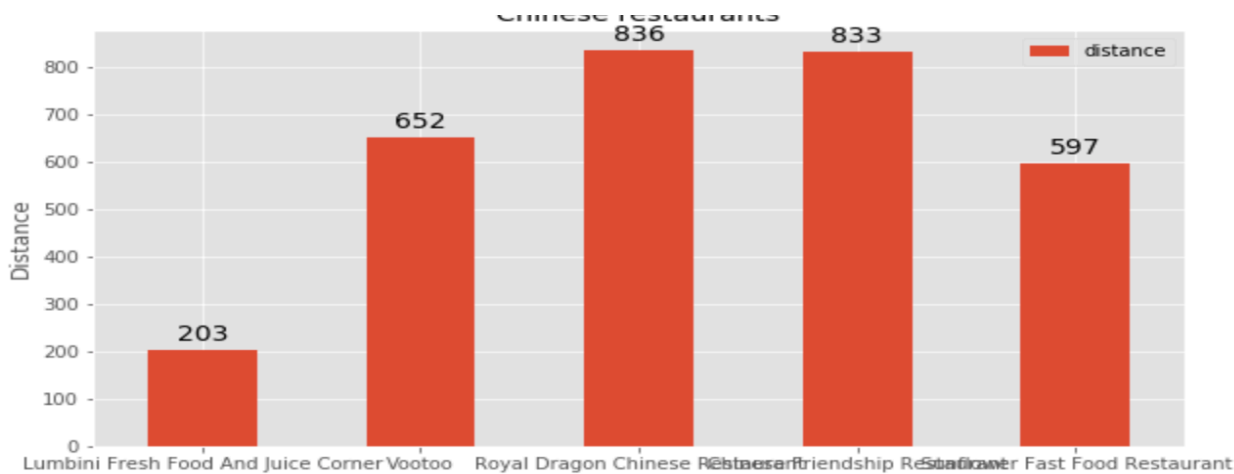
Here I have used location data from Foursquare. I retrieved location data of the restaurants of Kathmandu that serves mainly Chinese food. These data will be enough to provide the solution to the given problem. The goal of the project is to find the restaurants that serves mainly Chinese food in Kathmandu. The conversion of address of place to latitude and longitude will provide specific data. The place "Thamel" is chosen because it lies in heart of Kathmandu city and hottest spot for tourism.

	name	categories	address	lat	lng
0	Nepal Go - Special Chinese Food	Chinese Restaurant	Jyatha	27.712069	85.312050
1	Mc. Donal Fast Food Tandoori Restaurant	Restaurant	Thamel	27.717104	85.311983
2	Food Bazar	Coffee Shop	Thamel	27.714889	85.310314
3	Ocean fast food & cafe	Himalayan Restaurant	NaN	27.717673	85.311245
4	Kathmandu Chinese Mee	Chinese Restaurant	Thamel	27.712877	85.311438
5	Chinese noodle shop / 中华面馆	Theme Restaurant	NaN	27.712881	85.311400
6	Chinese Friendship Restaurant	Chinese Restaurant	Durbarmarg	27.712516	85.318006
7	Chinese Restaurant	Asian Restaurant	Jyatha	27.711601	85.312226
8	Chinese Sumai Cafe	Asian Restaurant	NaN	27.706059	85.309706

The data is visualized in the map. The crimson color filled with blue color represents the Chinese food serving restaurants.



Any five Chinese food serving restaurants was selected and visualized in bar graph. The bar graph represents the restaurants with distance from Thamel, a tourist's hub in Kathmandu. The distances are in meters.



Results and Discussions

The main objective of this project is to find out the eateries that serves Chinese cuisines. The project has used the location data from Foursquare. This will help to identify Chinese restaurants in Kathmandu where the visitors may find difficulty to find eateries that serves authentic Chinese food in such busiest and crowded city of Nepal; Kathmandu. In Kathmandu, especially in Thamel areas, the visitors can get into many local food serving restaurants with continental and other varieties of cuisines. The year 2020 is declared as tourism year by Nepal. What if the tourists during their stay in Kathmandu like to have Chinese food? How far are the Chinese restaurants from Thamel, a tourist's hub in Kathmandu? This project provides solution and information of the restaurants serving Chinese food

Conclusions

This project will help the tourists to explore about Chinese cuisine in Kathmandu, Nepal. Although Nepal is full of its own unique culture, traditions, dress and foods it is very interesting to know that there are many such restaurants in the city which serves cuisines of different places of the world.