

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 objective of this campaign is to promote Nepal's culture, traditions and natural beauty to the world by calling foreign visitors to explore Nepal.
- 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

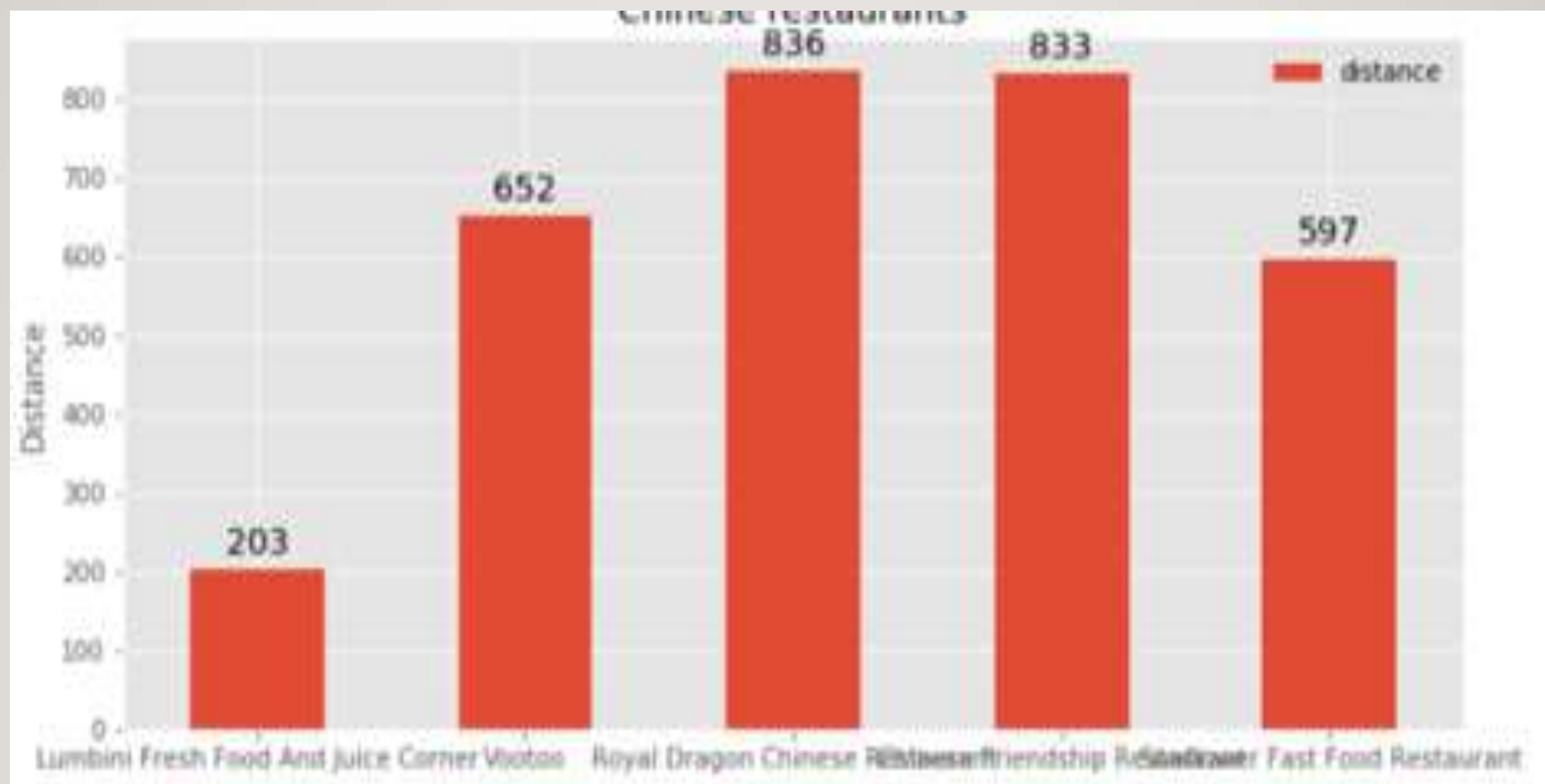
- The conversion of address of place to latitude and longitude will provide specific data. The place "Thamel" is chosen because it lies in heart of Kathmandu city and hottest spot for tourism.
- The location data was retrieved from Foursquare.

	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

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



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- 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 DISCUSSION

- This project 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.
- 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

CONCLUSION

- 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.