

The Battle of Neighborhoods (week2)

Hotpot Restaurant in Singapore

Project Instruction

Background:

- Now COVID19 virus is spreading all over the world, people need to order home delivery food and are not allowed to eat in the restaurant. In Singapore, many people are from China and the most popular food for Chinese people is hotpot. More and more hotpot restaurant coming to Singapore in last few years because of high demand. Normally people are only familiar with restaurants near to their neighborhood and may not know all the restaurants.

Objective:

This project is to analysis hotpot restaurant data in Singapore to cover the following topics:

- a. Hotpot restaurants quantity and location in this island.
- b. Clustering of the restaurants.
- b. The region that has the most hotpot restaurants.
- c. Trending venues. (There is no trending venues for now due to this special virus time.)
- d. Rating for all restaurants. People can refer to the rating summary and place order to try something new accordingly during this pandemic period.

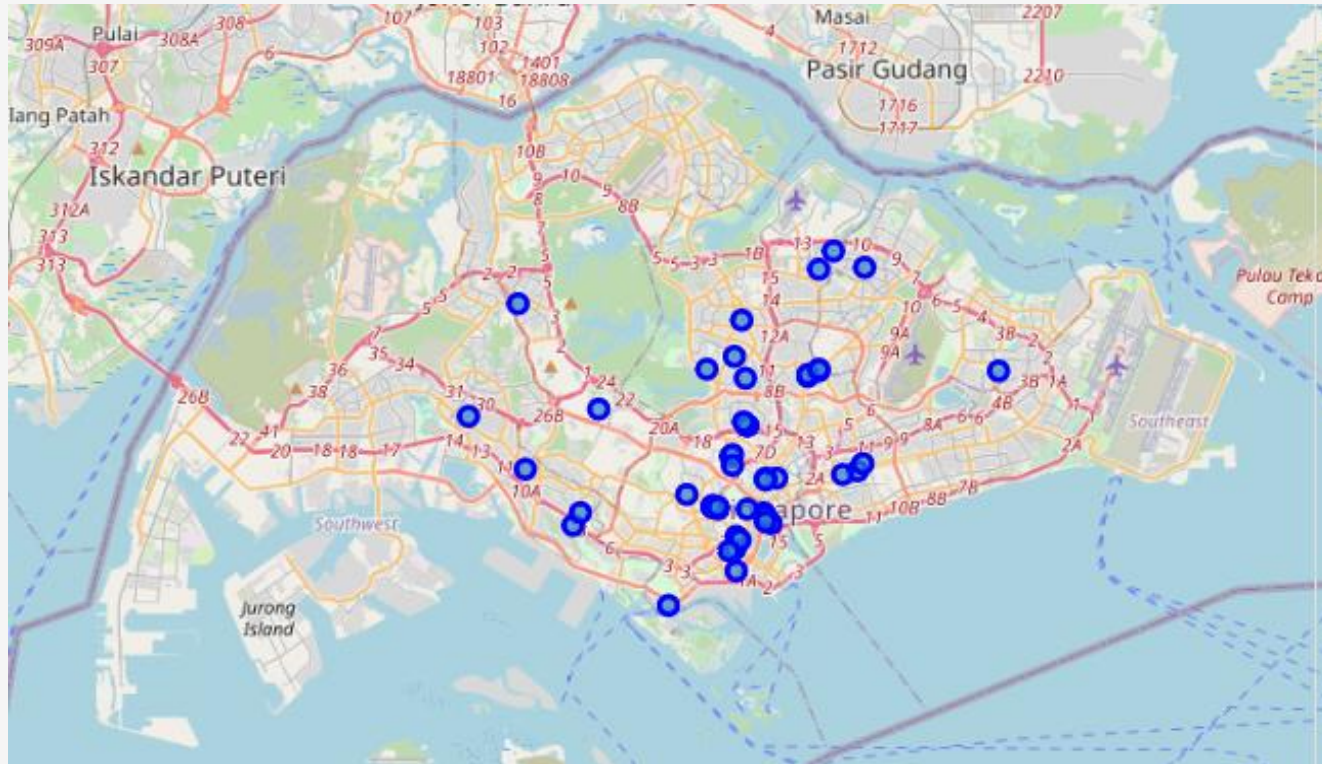
Hotpot Cuisine



Hotpot Restaurants in Singapore Island

50 restaurants are found using Foursquare.

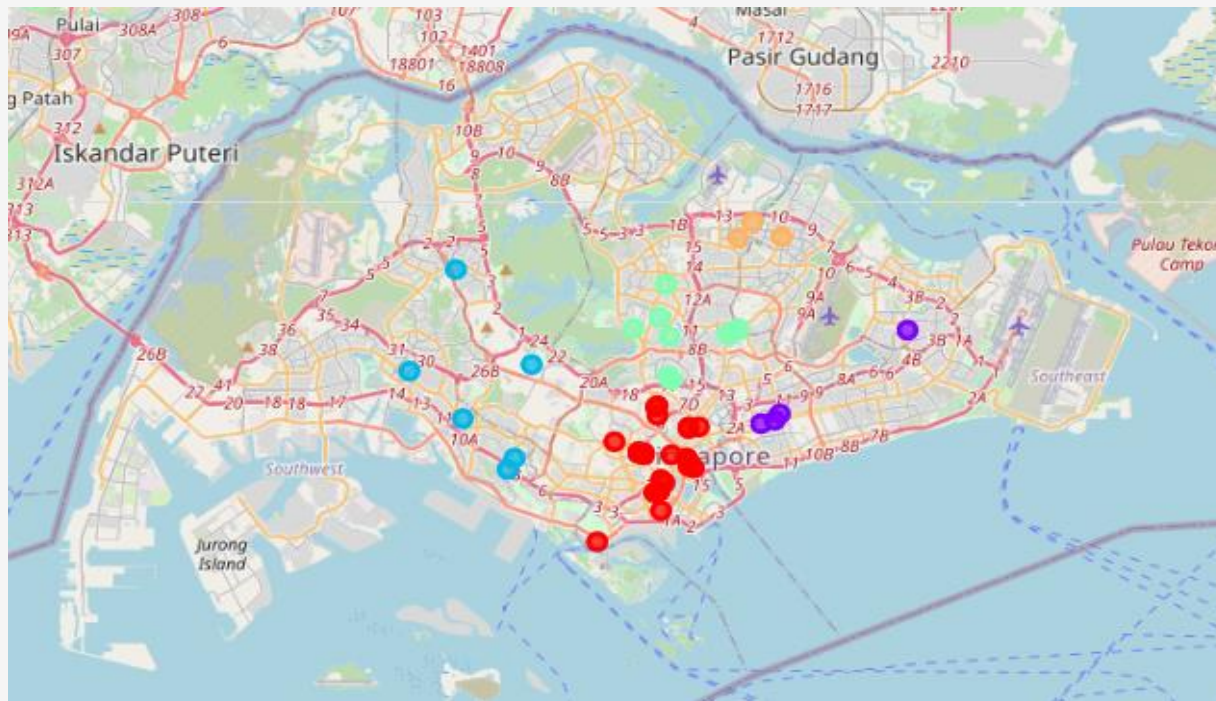
Some are missing out because they are not labeled as hotpot.



Clusters of Hotpot Restaurant

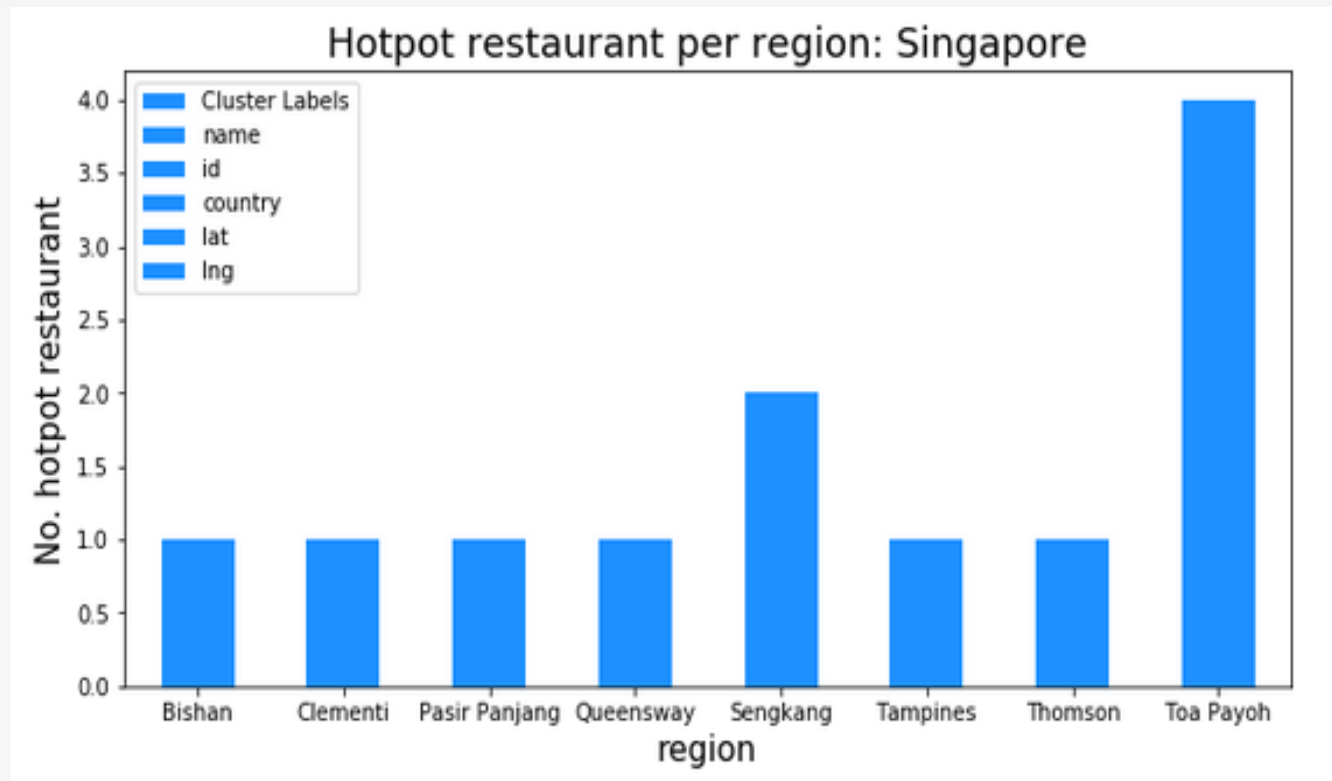
4 clusters are found using K-Means Clustering.

Biggest cluster is located in downtown area as expected.



Region Distribution of Hotpot Restaurant

Toa Payoh has most of hotpot restaurants.



Rating Table

Top three are all “Hai Di Lao”.

Hai Di Lao is the most popular chain hotpot restaurant in Singapre.

	Name	ID	address	Likes	Rating	Tips
1	Haidilao Hotpot	5ad883bcb77c7759445a6d30	[Seletar Mall (33 Sengkang West Ave), 797653, ...	9	8.4	0
38	Hai Di Lao Hot Pot	50ae28fde4b0062752d48b38	[#02-04 Clarke Quay (3D River Valley Road), 17...	311	7.7	105
0	海底捞Hai Di Lao Hotpot	5a7af18ce2d4aa5fbaf54294	[#06-01/02 Royal Square At Novena (103 Irrawad...	26	7.4	10
34	Fragrant Hot Pot 飘香麻辣香锅	4e0b04c745ddb226bd8a9ba6	[313 @ Somerset, 313 Orchard Rd, 238895, Singa...	10	7.2	4
32	The Magic Of ChongQing Hot Pot 重庆火锅 (The Magi...	4b827a7ef964a520a1d430e3	[#04-06/07, Tanglin Shopping Centre (19 Tangli...	18	6.1	12
22	Shabu Tontei Japanese Hotpot & Pork	4cf87dd9ce1da1cda662c8e1	[#B1-79, NEX, 23 Serangoon Central, 556083, Si...	11	5.8	17
27	Chicken Hot Pot	4c42bf2bd691c9b6adda8e0a	[#04-02A/B/C, Square 2 (10 Sinaran Dr), 307506...	6	5.8	10
12	Seoul Garden HotPot	5173969a498e64648c58b1b9	[IMM Building, Singapore]	5	5.4	7
16	Seoul Garden HotPot	4d8497847e8ef04d6fd80dbe	[#02-03/04, HarbourFront Centre (1 Maritime Sq...	16	5.3	27
7	Chuan Wang Fu Spicy Hotpot 川王府火锅	4b275160f964a520db8524e3	[9 Teck Chye Terrace (Junction of Boundary Roa...	1	5.0	7
6	DANRO Japanese Hotpot Place by MOF	50ceb8fae4b05a3ba6c8b41d	[#02-04/06 (Serangoon NEX (23 Serangoon Centra...	6	4.9	19

Discussion and Conclusion

There is no trending venue probably due to pandemic.

The results in this report are not ideal because not all restaurants have rating data, and not all the name indicate hotpot so some hotpot restaurants are missed out.

The data shows the most favorite restaurant is "Hai Di Lao 海底捞". This as expected. Hai Di Lao has the best service and food. Before pandemic they have plan to open more restaurants. After the pandemic, the rating table may change because some restaurant won't survive. Anyway, during work from home, Hai Di Lao is still a best choice to order for home delivery.

Hope pandemic will pass soon!