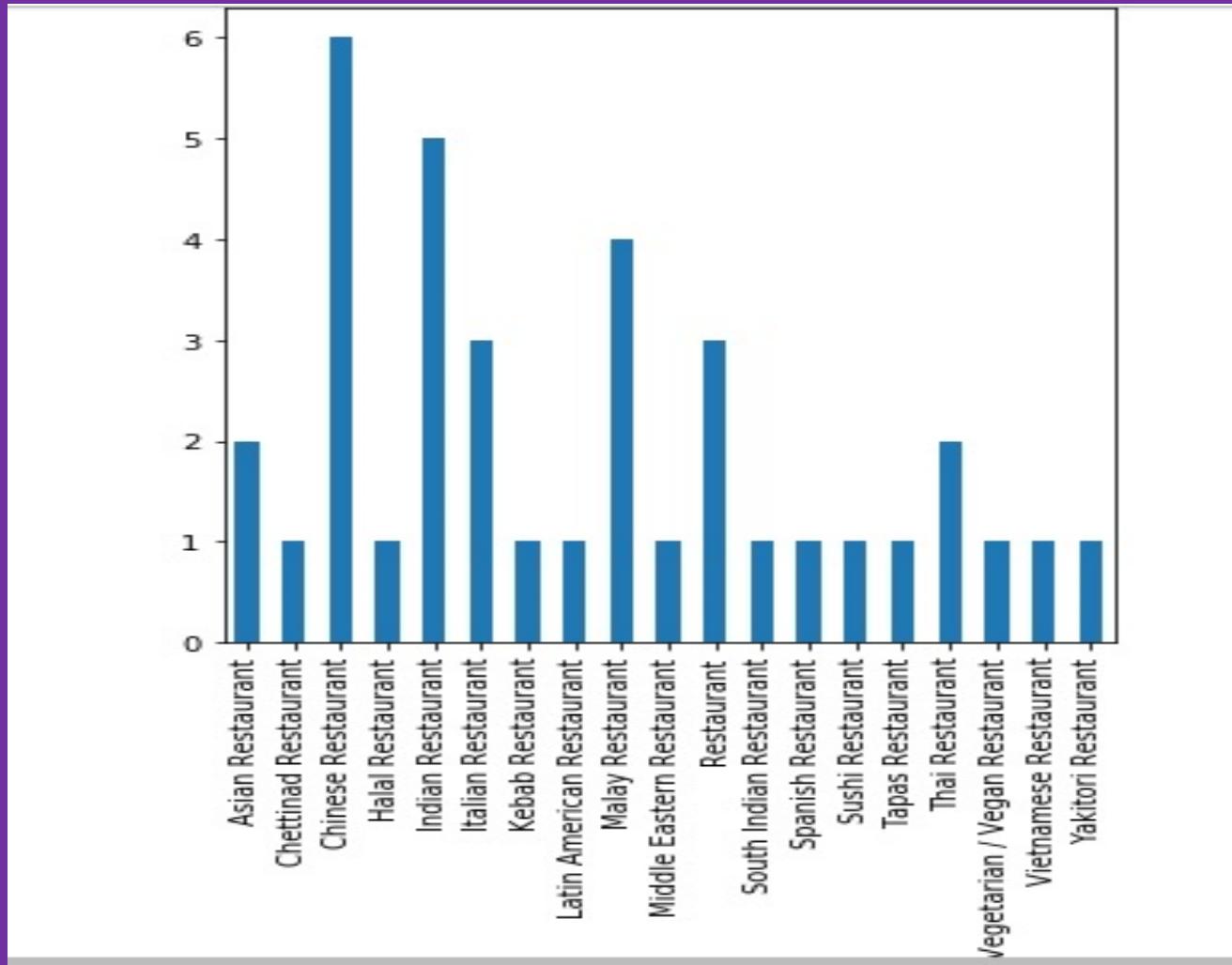


Analysis of Food and Beverage (F&B) Industry in Kuala Lumpur (KL), Malaysia

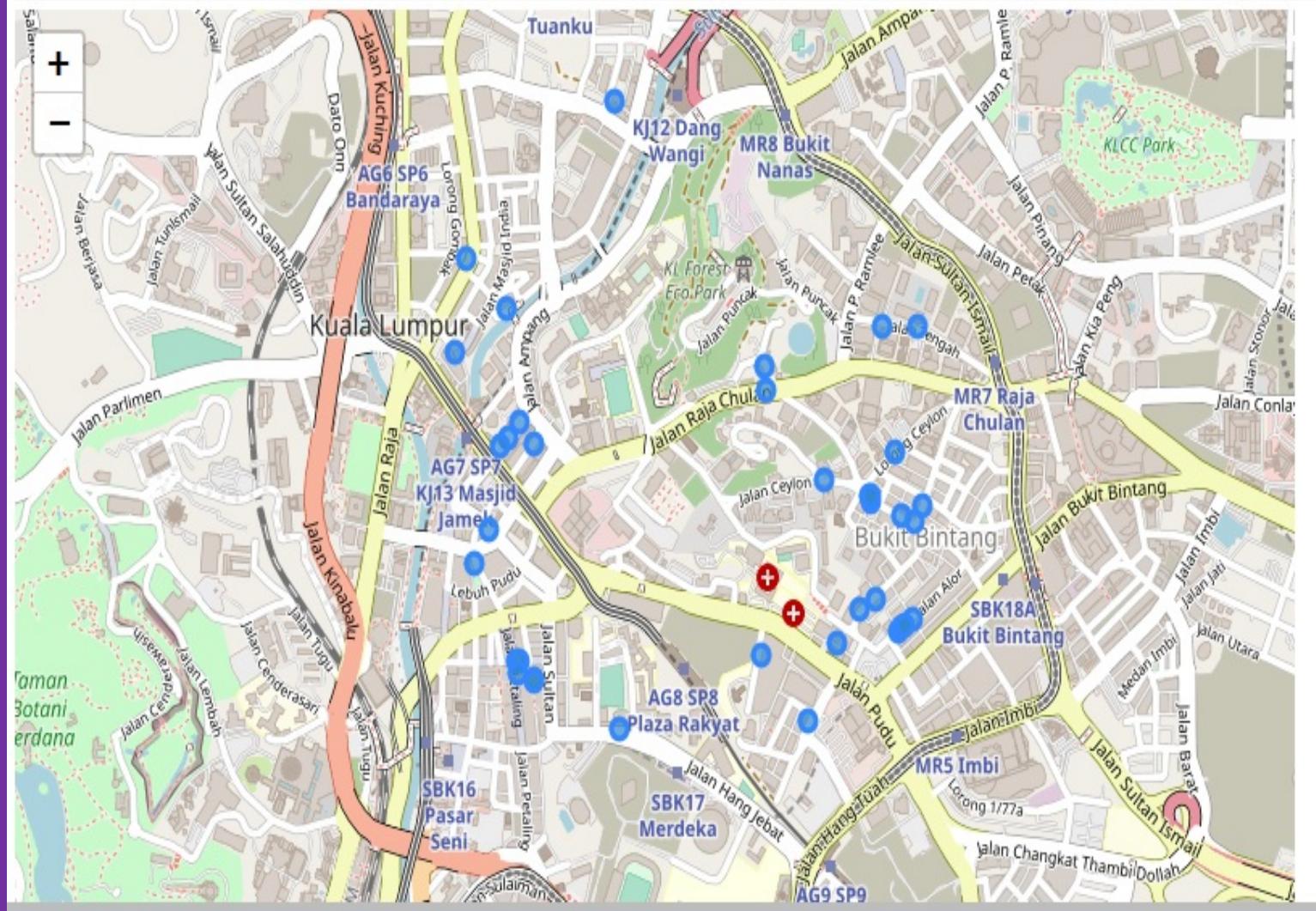
- Utilized Foursquare API to explore the most common venues among all districts.
- Co-ordinates were obtained from Wikipedia, Google Search and Foursquare.
- K means clustering was applied to cluster the districts.

	name	categories	lat	lng
0	BackHome Kuala Lumpur	Hostel	3.148732	101.697887
1	Pampas Reserve Grill & Bar	Latin American Restaurant	3.150222	101.704355
2	Family Mart	Convenience Store	3.145195	101.698606
3	Restoran Santa	South Indian Restaurant	3.149083	101.698156
4	Betel Leaf	Chettinad Restaurant	3.149543	101.697763
5	Kedai Mamak Husin	Halal Restaurant	3.144556	101.704214
6	茨厂街驰名罗汉果龙眼冰糖炖冬瓜 (Air Mata Kucing)	Food Truck	3.144283	101.697753
7	Urbanscapes House	Exhibit	3.146803	101.696028
8	Saravanaa Bhavan	Indian Restaurant	3.149231	101.697475
9	Starbucks	Coffee Shop	3.147224	101.699555

Explore features returning venues
within KL



Bar graph visualizing the types of restaurants



Map with markers indicating the restaurants locations.

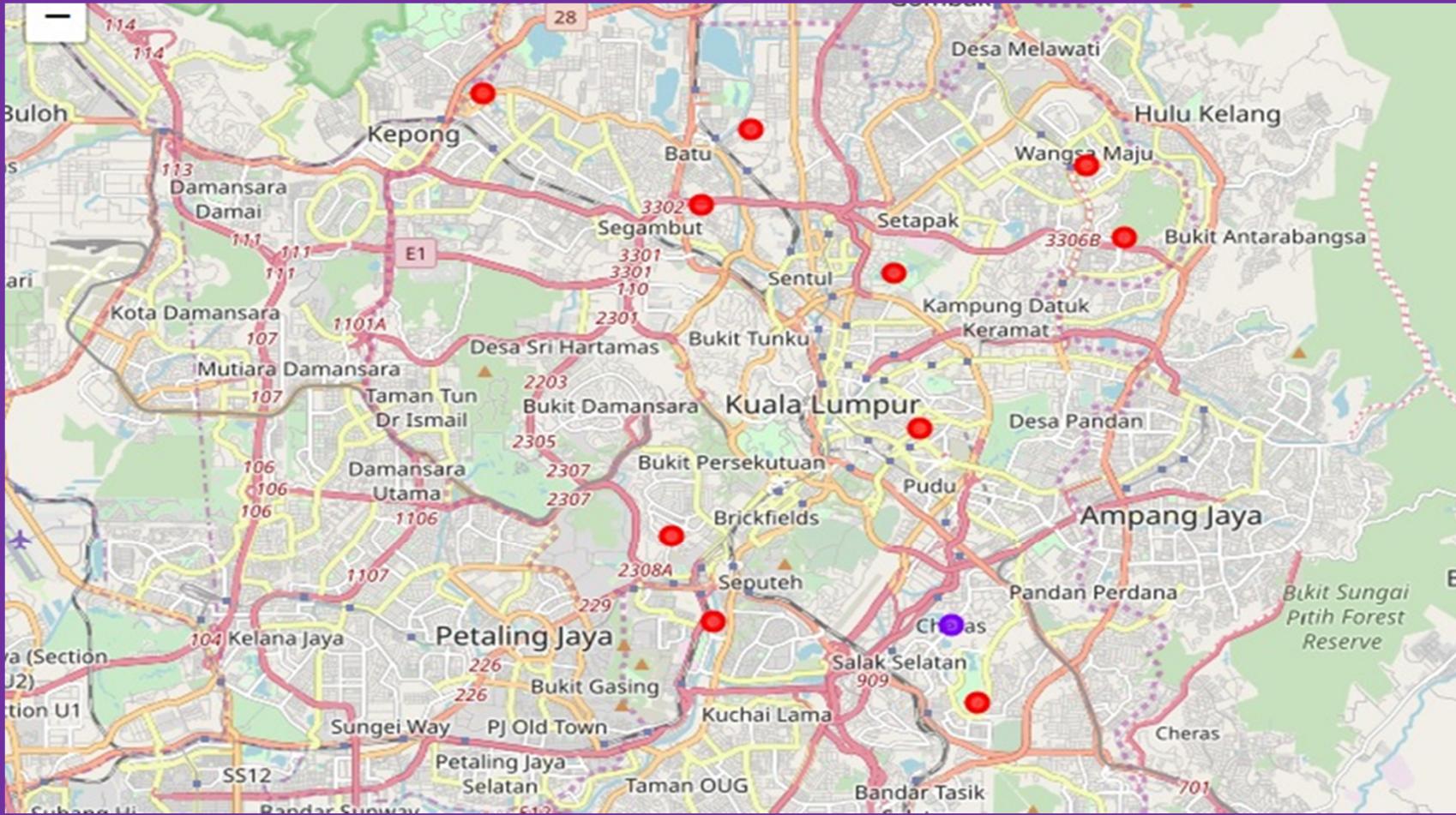
[43] :

	City	District	Latitude	Longitude
0	Kuala Lumpur	Bukit Bintang	3.146680	101.71119
1	Kuala Lumpur	Titiwangsa	3.177880	101.70677
2	Kuala Lumpur	Setiawangsa	3.185250	101.74646
3	Kuala Lumpur	Wangsa Maju	3.199490	101.74001
4	Kuala Lumpur	Batu	3.206600	101.68200
5	Kuala Lumpur	Kepong	3.214000	101.63560
6	Kuala Lumpur	Segambut	3.191700	101.67340
7	Kuala Lumpur	Lembah Pantai	3.125100	101.66830
8	Kuala Lumpur	Seputeh	3.108100	101.67540
9	Kuala Lumpur	Bandar Tun Razak	3.092000	101.72110
10	Kuala Lumpur	Cheras	3.107178	101.71649

Co-ordinates of districts in KL

	City	District	Latitude	Longitude	Cluster Labels	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue
0	Kuala Lumpur	Bukit Bintang	3.146680	101.71119	0	Coffee Shop	Hotel	Ice Cream Shop	Clothing Store	Japanese Restaurant	Boutique	Chinese Restaurant	Café
1	Kuala Lumpur	Titiwangsa	3.177880	101.70677	0	Malay Restaurant	Park	Gym	Harbor / Marina	Mexican Restaurant	Skate Park	Restaurant	Multiplex
2	Kuala Lumpur	Setiawangsa	3.185250	101.74646	0	Fast Food Restaurant	Dessert Shop	Mountain	Thai Restaurant	Bar	Basketball Court	Buffet	Food Truck
3	Kuala Lumpur	Wangsa Maju	3.199490	101.74001	0	Spa	Ice Cream Shop	Thai Restaurant	Dessert Shop	Electronics Store	Coffee Shop	Light Rail Station	Hookah Bar
4	Kuala Lumpur	Batu	3.206600	101.68200	0	Fast Food Restaurant	Auto Garage	Night Market	Malay Restaurant	Asian Restaurant	Flower Shop	Food	Food Court
5	Kuala Lumpur	Kepong	3.214000	101.63560	0	Chinese Restaurant	Asian Restaurant	Dessert Shop	Noodle House	Café	Fast Food Restaurant	Coffee Shop	Comfort Food Restaurant
6	Kuala Lumpur	Segambut	3.191700	101.67340	0	Chinese Restaurant	Diner	Motorcycle Shop	Pizza Place	Boutique	Malay Restaurant	Pool Hall	Electronics Store

List of most common venues



Map indicating the districts of KL