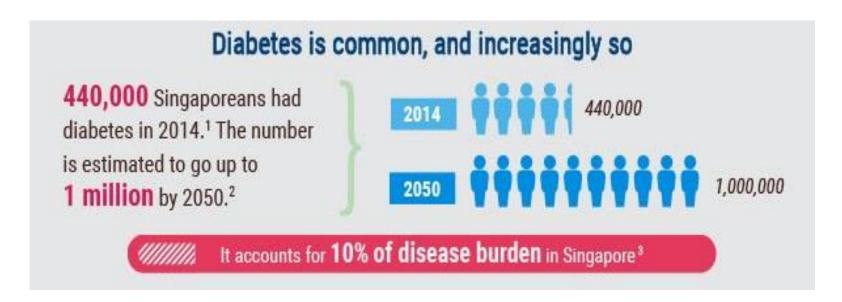


BACKGROUND

About 400,000 Singaporeans are diabetes and one in three has lifetime risk of developing the disease. And if nothing is done, the number of diabetes under age 70 is expected to rise to 670,000 by 2030 and one million by 2050.





Singapore government adopts a multi-pronged strategy to encourage Singaporeans to eat healthily and reduce their sugar intake from foods and drinks.

Coffee is one of the common sugar intakes for Singaporean. We are going to open a café to serve coffee with less sugar and food with balanced nutrition.

OUR BIG IDEA

Your Coffee Shop's mission is to provide healthy meal for office clerks in a rushing pace for business. They can have a healthy choice of meal in a convenient place. Perhaps breakfast before work, lunch break during working hour, a quick dinner after work or before going to gym, or a power-up after exercise.





Explore Singapore Market



Find out a suitable location for café shop



Allocate business area



Find out the crowd with healthy awareness



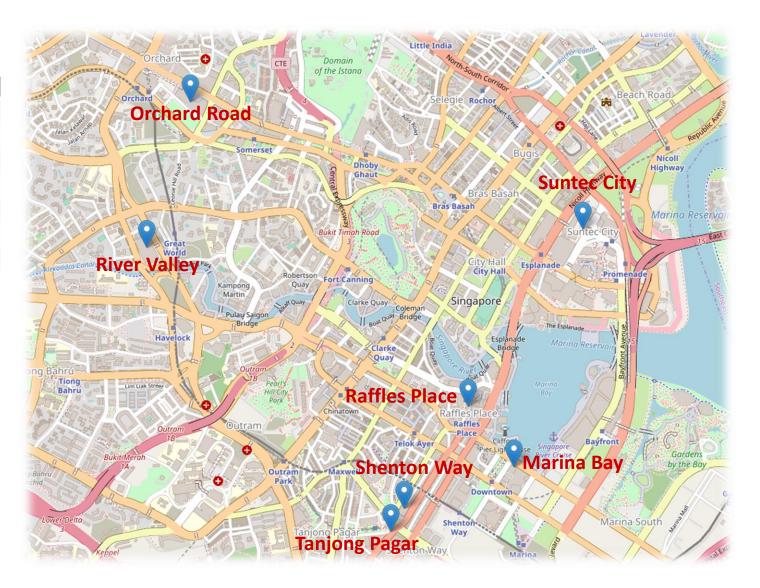
Avoid competitors



Singapore 7 Popular Business Area

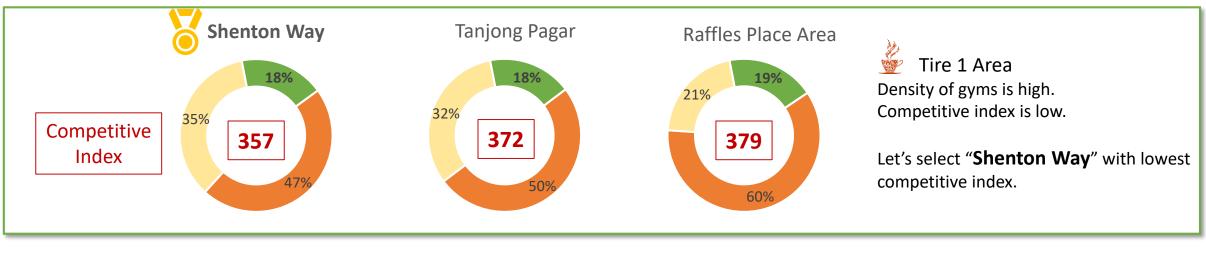
Collect geocodes from google map API.

Area	Landmark	Latitude	Longitude
Raffles Place Area	Raffles Place MRT	1.283969	103.8515
Marina Bay Area	Marina Bay Finacial Centre	1.280283	103.8543
Tanjong Pagar / Anson Road	Tanjong Pagar MRT	1.276342	103.8468
Orchard Road Area	Ngee Ann City	1.302557	103.8346
Shenton Way Area	Capital Tower	1.277737	103.8476
River Valley	Great World City	1.293642	103.8319
Suntec City	Suntec City	1.29478	103.8585



Nearby Venues in Each Business Area

Distribution among gyms, café and other restaurant





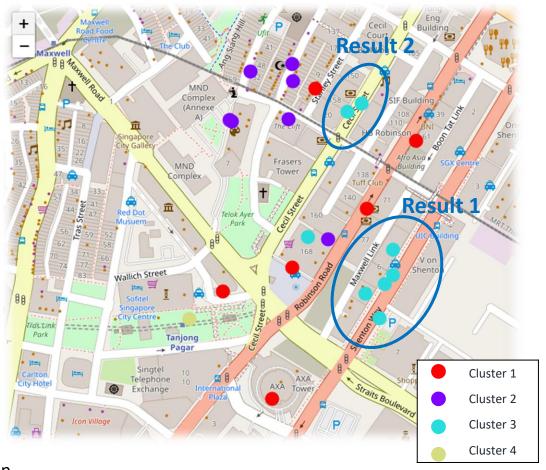
Competitive Index = (Count of Café + Count of other restaurant) / (Count of gyms) * 100. It shows the level of competitors in each location. The lower the better.

Explore Shenton Way

Based on location and nearby venues, we can classify gyms in Shenton Way area into 4 clusters*.

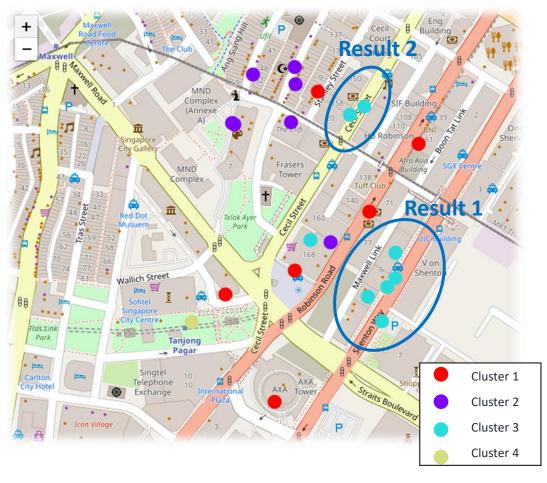
Cluster	Avg. Count of Gyms Nearby (Main Target Customers)	Avg. Count of Café Nearby (Direct Competitors)	Avg. Count of Other Restaurants Nearby (Relatively Indirect Competitors)
1	1.2	3.3	1.3
2	2.4	2.3	4.7
3	2.4	1.0	0.8
4	1.0	7.0	9.0

4				
		Avg. Count of Gyms	Avg. Count of Café	Avg. Count of Other
	Cluster	Nearby	Nearby	Restaurants Nearby
		(Main Target	(Direct	(Relatively Indirect
		Customers)	Competitors)	Competitors)
	1	Medium	Medium	Low
	2	High	Medium	High
	3	High	Low	Low
1	4	Low	High	Very High



Based on the classification result, there are two ideal locations highlighted in map. Let's start to search if there's any available rent in these two places.

Conclusion



Searched 7 Singapore popular business area.

We can find out below areas with more gyms and relatively low density of café.

Shenton Way area is the first choice while Tanjong Pagar and Raffles Place can be backup choices.

When we start to explore Shenton Way, we can find out two ideal locations.

First one is the east side of Maxwell Link with 5 gyms nearby.

Second one is north side of Cecil Street.

THANK YOU!

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Appendix

Gyms in Shenton Way

Venue	Avg. Count of Gyms Nearby (Main Target Customers)	Avg. Count of Café Nearby (Direct Competitors)	Avg. Count of Other Restaurants Nearby (Relatively Indirect Competitors)	Latitude	Longitude	Cluster
Anytime Fitness	1	7	9	1.276658	103.845944	4
Anytime Fitness Cecil Street	2	1	0	1.279642	103.848224	3
Boulder Movement	2	1	2	1.277651	103.84888	3
Sweatbox	2	1	0	1.276672	103.84869	3
Fitness First Platinum	2	1	2	1.277843	103.847654	3
Freedom Yoga	2	0	0	1.279755	103.848431	3
STILL	3	2	2	1.277296	103.848878	3
GuavaLabs	3	1	0	1.277162	103.84876	3
Haus Athletics	3	1	0	1.277023	103.848485	3
Uppercut Boxing	3	2	5	1.28033	103.847431	2
URA Gymnasium @ 4th Floor	2	1	4	1.279526	103.846526	2
Hale Yoga Studio	2	2	3	1.277811	103.847943	2
Gym @ The Clift	1	3	5	1.279529	103.847373	2
Fitness Chemistry	2	1	4	1.279504	103.84656	2
Bodytec Studio	4	3	6	1.280082	103.847438	2
Athlete Lab	3	4	6	1.280222	103.846832	2
Radiance PhysioFit	1	4	0	1.27551	103.847142	1
Ritual Gym	1	3	0	1.27824	103.848499	1
GIC Gym Studio	1	4	2	1.277402	103.847426	1
Vanda Boxing Club	1	2	1	1.279218	103.849207	1
Virgin Active	1	4	3	1.277055	103.846435	1
Webarre	2	3	2	1.279975	103.84776	1