

Where should I stay during my quarantine?

CHOOSING YOUR STAY-HOME NOTICE DEDICATED FACILITY SUITE
(SDF SUITE) BASED ON FOOD VARIETY

Background

Singapore is an island nation of foodies. Though a small country, it is cosmopolitan and there is a huge variety of food available from different cuisines and cultures.

Due to the Covid-19 pandemic, travellers arriving in Singapore would have to serve a period of quarantine, known as Stay Home Notice (SHN). Non-residents would have to serve their SHN at a SHN Dedicated Facility (SDF) such as a hotel. They are provided with meals but also allowed to order takeaway from food places. However, many food places only deliver nearby and do not provide island-wide delivery.

As travellers are now allowed **book a specific SDF Suite** (at a higher cost), Foursquare's data would be useful for travellers to decide where to book their stay **if they would like a greater variety of food**, especially since they have to stay for a minimum of 14 days.

Assumptions

1. Restaurants will have delivery options available but only for nearby locations (for this exercise I have limited it to 150 metres)
2. Travellers prefer to order from nearby locations for freshness and to save costs
3. SDF Suites serve the same types of travellers (in reality, they cater to travellers from different points of origin).

There are 8 SDF Suites

1. Swissotel the Stamford (2 Stamford Road)
2. InterContinental Robertson Quay (1 Nanson Road)
3. Royal Plaza on Scotts (25 Scotts Road)
4. The Regent (1 Cuscaden Road)
5. Fairmont Singapore (80 Bras Basah Rd)
6. Grand Hyatt (10 Scotts Rd)
7. Holiday Inn Singapore Atrium (317 Outram Road)
8. Park Avenue Rochester (31 Rochester Drive (North Buona Vista Road))

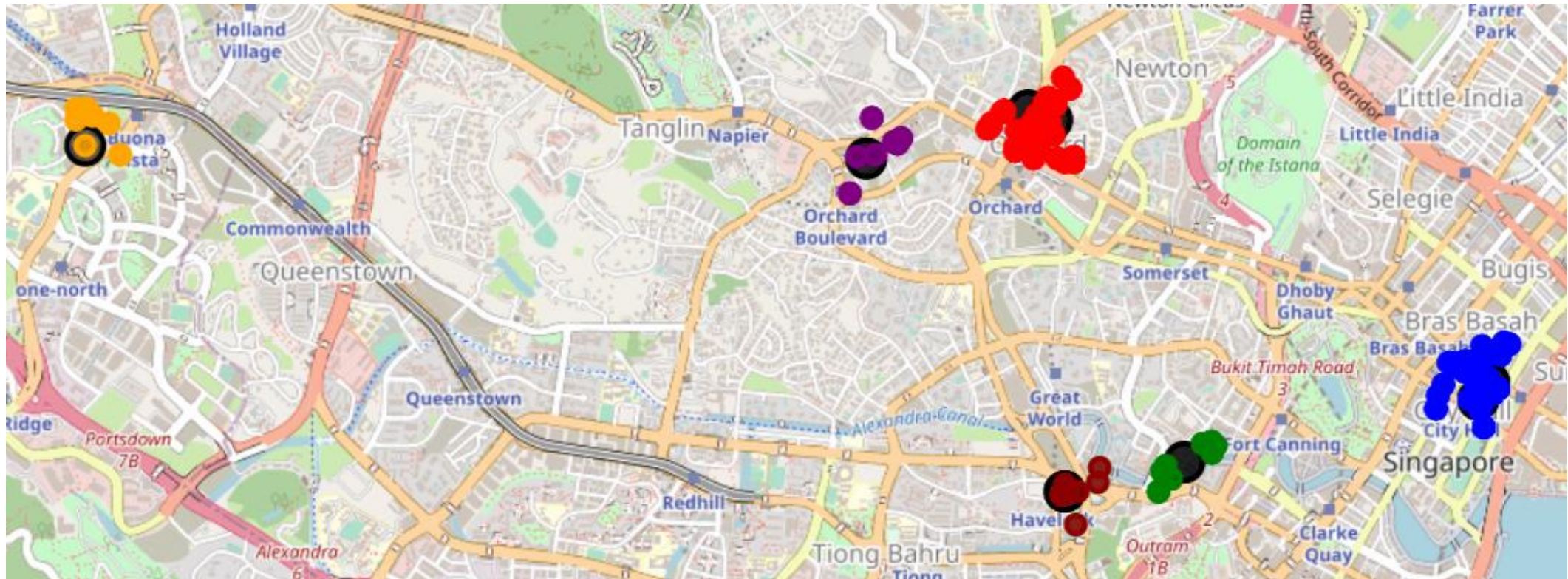
Clusters

The SDF Suites are marked in black and neighbouring restaurants are marked in different colours.

There are two SDF suites located very close to each other and their neighbouring restaurants were marked with the same colour.

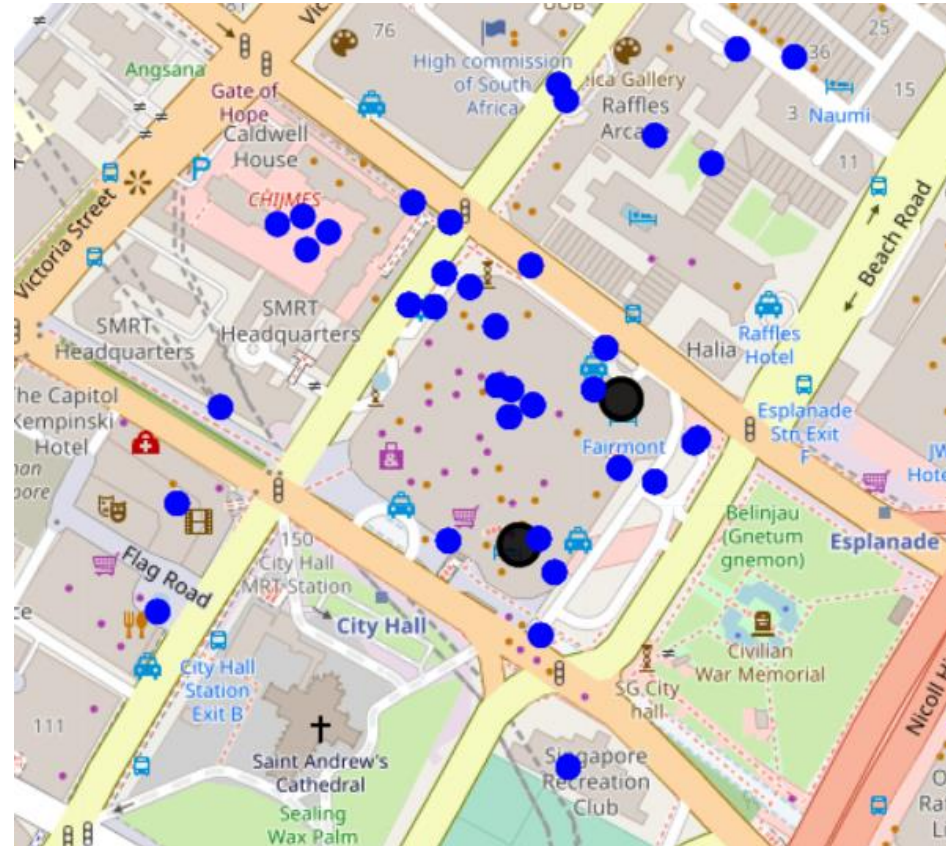
As can be seen from the Folium map on the next slide, the eight SDF Suite locations and their neighbouring restaurants form six clusters, marked out in: **red**, **blue**, **purple**, **green**, **dark red** and **orange**.

Clusters

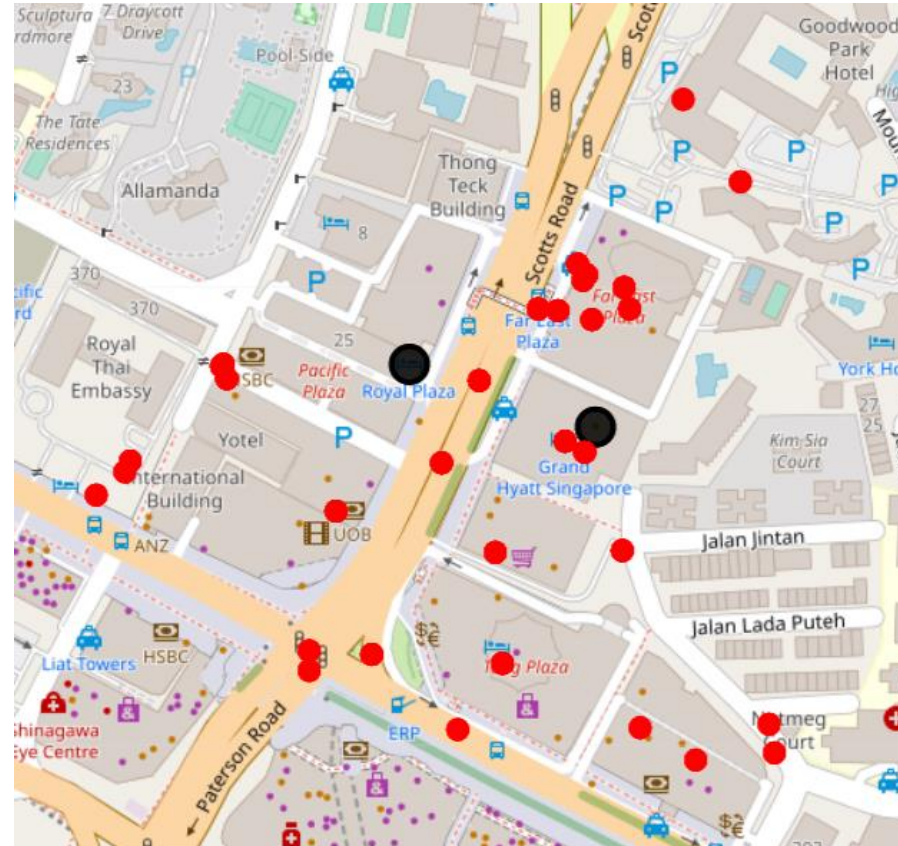


Black dots: SDF Suite Colour dots: Restaurants

36 unique restaurants in blue cluster: Fairmont Singapore & Swissotel the Stamford



32 unique restaurants in red cluster: Royal Plaza on Scotts & Grand Hyatt



Where should I stay?

Based on this exercise, the SDF Suites can be ranked as follows:

Rank	SDF Suite
1	Swissotel the Stamford Fairmont Singapore
2	Royal Plaza on Scotts Grand Hyatt
3	InterContinental Robertson Quay The Regent Holiday Inn Singapore Atrium
4	Park Avenue Rochester

Further research

The top two ranked clusters (four hotels) are very close with 36 and 32 restaurants nearby respectively.

More research can be done on to identify and **compare other contactless services nearby** to differentiate between the red and blue clusters. There are two hotels within each cluster so travellers would have to depend on other factors such as availability of different room types (and associated costs) and personal preferences (from website photos) to decide.

As there are many restaurants located nearby the top ranked SDFs, I have not used or retrieved rating data on the restaurants. To extend this research, we could **retrieve ratings to compare restaurant quality** between the clusters.