

Due to the space constrain, public transport is extremely popular in Singapore. The Mass Rapid Transit trains is relied upon by most people to get from point A to point B. Thus, any businesses that surrounds such areas may be useful in helping to determine whether a CBD should exist in the area.

In order to obtain the necessary data, a list of MRT stations in Singapore is collected and compiled from Wikipedia, together with the corresponding GPS coordinates for each of the MRT stations. The GPS coordinates of each of the stations are then fed in Foursquare's API, to obtain the list of business, together with the corresponding business type that exists in the area. A search radius of 5km is set for each of this MRT stations, since it is highly unlikely for people to walk beyond this distance. The mean for the number of each type of business near a specified MRT station is then obtained and categorised using a K-Means approach. The results are then plotted using folium and observed in order to see any trend.