

Problem Statement / Background

Singapore has the second highest home ownership in the world ¹. Indeed, buying a home is on every come-of-age Singaporean's agenda. Singapore is a small country and is divided into several planning areas. The assumption is that not all planning areas are structured equal. This project attempts to classify and explore planning areas for someone who's on the hunt for a new home.

Data

Singapore Data (<https://docs.onemap.sg/>)

OneMap provides a set of extensive APIs to retrieve different data for API. OneMap will primarily be used to retrieve;

- Planning Areas
- Population Data

Foursquare API (<https://developer.foursquare.com/>)

Foursquare API will be used extract facilities and venues of individual planning areas.

¹https://en.wikipedia.org/wiki/List_of_countries_by_home_ownership_rate