

## Introduction

Singapore has one of the highest home ownerships in the world, ranking second globally with 91% of its citizens owning a property they call home. About 85% of the population live in Public Housing by the government, specifically known as Housing Development Board (HDB), giving these properties its colloquial term “HDB”. Despite this, a report by CBRE Group, the largest commercial real estate services company in the world ranks Singapore as the 2<sup>nd</sup> most expensive housing market in the world. Singapore not only has one of the most expensive houses, it is also home to the most expensive country to own a car, where a Volkswagen Golf can cost you a cool \$75,000 USD and up. As such, few Singaporeans drive, placing emphasis on the convenience of public transport, which translates to the importance of a strategically located home.

## Business Problem

The importance of a conveniently located home in Singapore is ever so important. Therefore, this project will seek to discover the factors that contribute to the price of a resale HDB property in Singapore and whether the additional facilities or business in the vicinity have an effect on the housing prices.

## Data

- The resale properties' information and prices are available on the Singapore Government's Data website as a .csv file.
- Foursquare will be used to retrieve the facilities in the vicinity of the property such as Train Stations, Shopping Malls, Supermarkets etc.