# The type of data:

Suburb:

Address

Rooms

Type

Price

Method

Seller G

Date

Distance

Postcode

Bedroom

Bathroom

Car

Land size

Building Area

Year Built

Council Area

Coordinate

Region name

Property county

# The categories and feature

Position information (Suburb, Address, Property County, Postcode, Building Area, Council Area, Coordinate, Region Name,):

This information could independently or collectively affect the house’s price. For example, the price of houses in a specific suburb may have similar trends. However, different streets could cause the various effects on the price.

Time information (Year Built, Transaction Date):

The house purchase price could be directly affected by the construction completion date. The costumer’s attitude towards the newness of house is an interesting point to be explored. The transaction date could reflect the tendency of house market.

Construction information (Land size, Type, Rooms, Bedrooms, Bathrooms, Car, Distance): The construction information could cause the various impacts on the house price. For instance, the Land size could directly affect the house price. Plus, there might be a relationship between the volume of transaction and number of rooms, bedrooms and bathrooms.

Selling Information (Seller, Selling Method):

Transaction information (Price, Transaction volume):

# Potential Question:

1. From the analysis on the house built year, it is possible to find the preference of costumers on it. It can be assumed that there is an interval in house built year, the part out of this interval would have a low transaction volume and vice versa.
2. By analysis on the transaction years, it is can be found the time which have the maximum transaction in every year. It can help to depict the tendency of house market in a year.
3. From the analysis of property position info and other types of info, there would be many useful conclusions. The same type of house in different region may have different house price. It deserves to be analyzed that if different types of properties would have different price tendency in different region. For example, the units at the region closer to the city center may have high price. However, the houses may show the inverse trends.
4. Does the costumer have a preference on the house’s number of rooms, bedroom and bathroom? does these elements have any impacts on the transaction volume? It is essential to find the relationship between them.
5. For different selling method, if there is a trends for selling date or region.