

# -----singapore flat resale project-----

1.To know the data below click here

[click here](#)

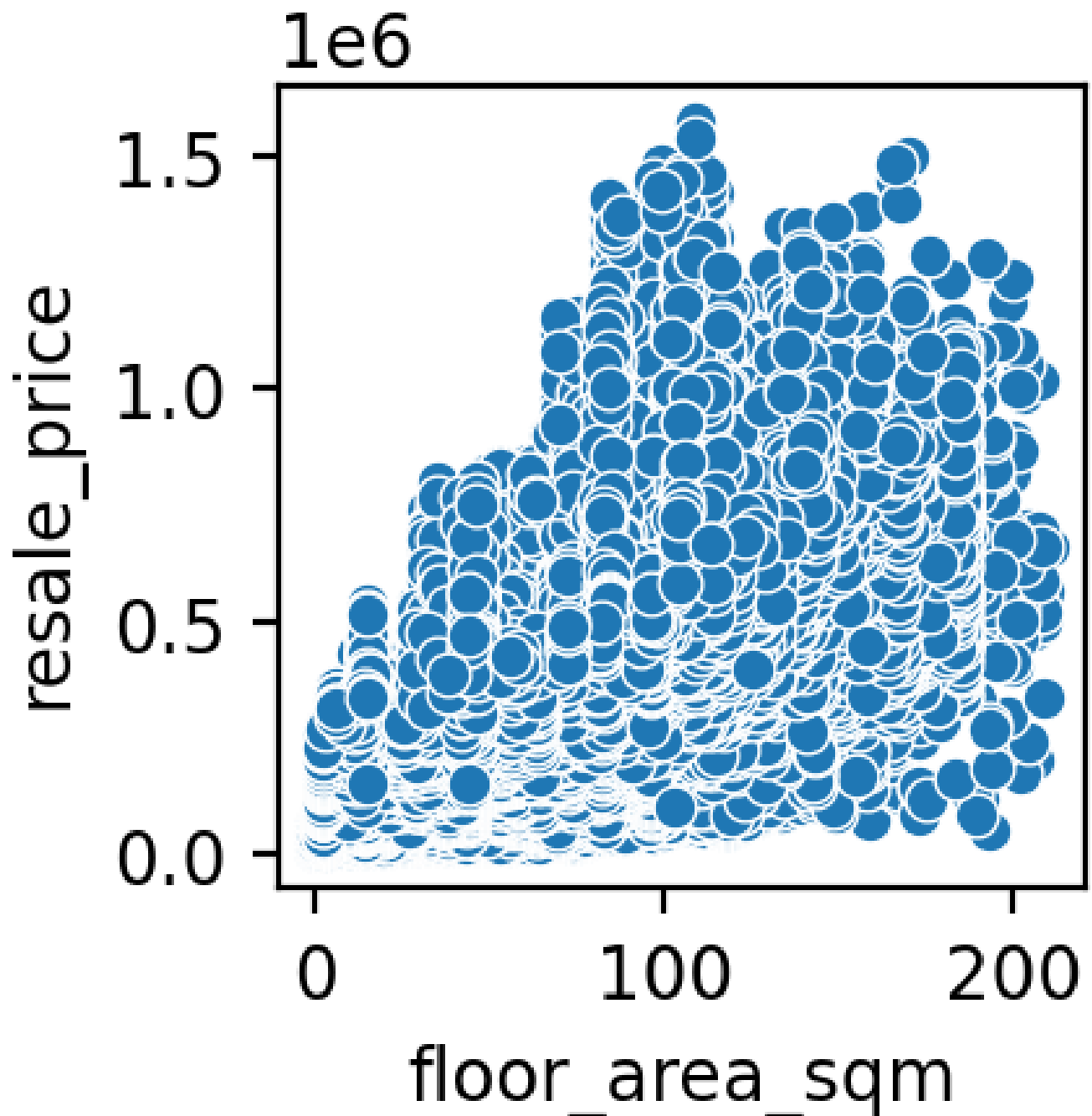
## 1.1 Singapore flat sale sample data:

	month	town	flat_type	block	street_name	storey_range	floor_area_sqm	flat_n
0	1990-01	ANG MO KIO	1 ROOM	309	ANG MO KIO AVE 1	10 TO 12	31	IMPRC
1	1990-01	ANG MO KIO	1 ROOM	309	ANG MO KIO AVE 1	04 TO 06	31	IMPRC
2	1990-01	ANG MO KIO	1 ROOM	309	ANG MO KIO AVE 1	10 TO 12	31	IMPRC
3	1990-01	ANG MO KIO	1 ROOM	309	ANG MO KIO AVE 1	07 TO 09	31	IMPRC

## 1.2 Total number of data:

885660

## 1.3 Scatterplot of data:



## 2.Regression ML models

regression models:

lasso



### 2.1.1 Train data(MSE)

660.9945931903611

### 2.1.2 Test data(MSE)

### 2.1.3 Actual testing vs Testing prediction

	test_actual	test_pred
531,935	362,000	464,539.6818
516,278	272,000	334,212.6016
833,318	530,000	564,224.7997
480,428	285,000	405,462.3862

## 3. Classification & Ensemble ML models

- ☐ Decision Tree
- ☐ Random forest
- ☐ ada
- ☐ GBC

## 4. Unsupervised learning model - KMeans

```
data grouped into class isclass
1      408347
0      360512
2      116801
Name: count, dtype: int64
```

