- Project MVP (Kaplan)
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At first, I forgot to mention in the proposal the number of the rows and the features in my data source.

I basically, relied on a file containing **1,906 rows** of data, which I worked on for the necessary cleaning. In addition, there will be **four features** it will help me to predict the price for the property.

- Analysis of property prices in Dubai City:

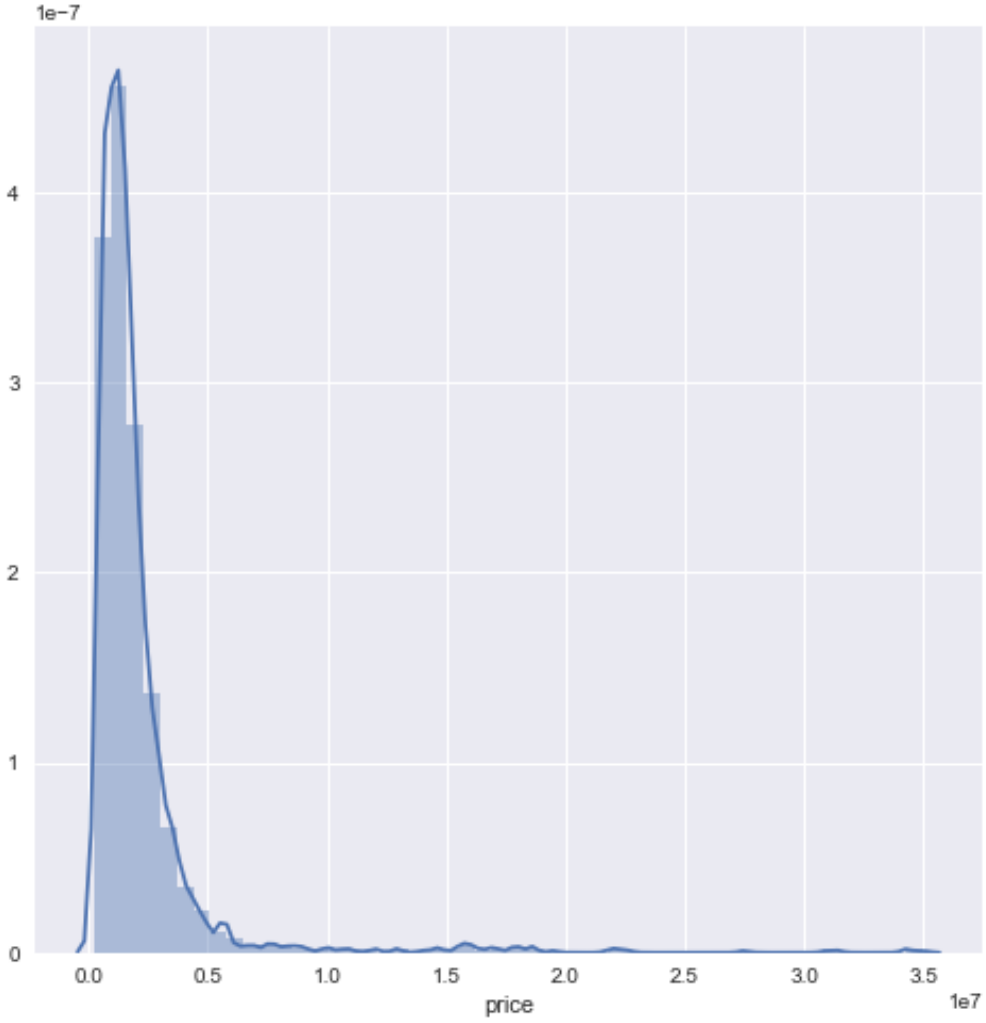
Price analysis

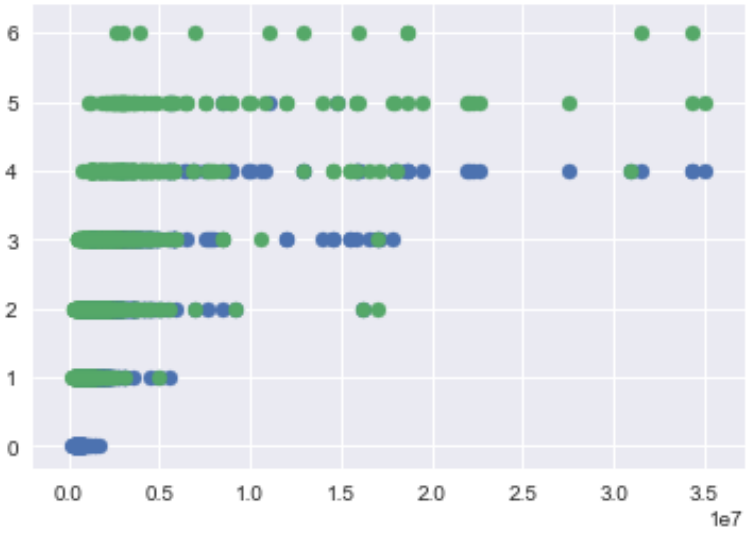
```
count    1.905000e+03
mean     2.085830e+06
std      2.913200e+06
min      2.200000e+05
25%      8.900000e+05
50%      1.400000e+06
75%      2.200000e+06
max      3.500000e+07
Name: price, dtype: float64
```

Looking at above descriptive analysis for property pricing in out dataset, we can say that:

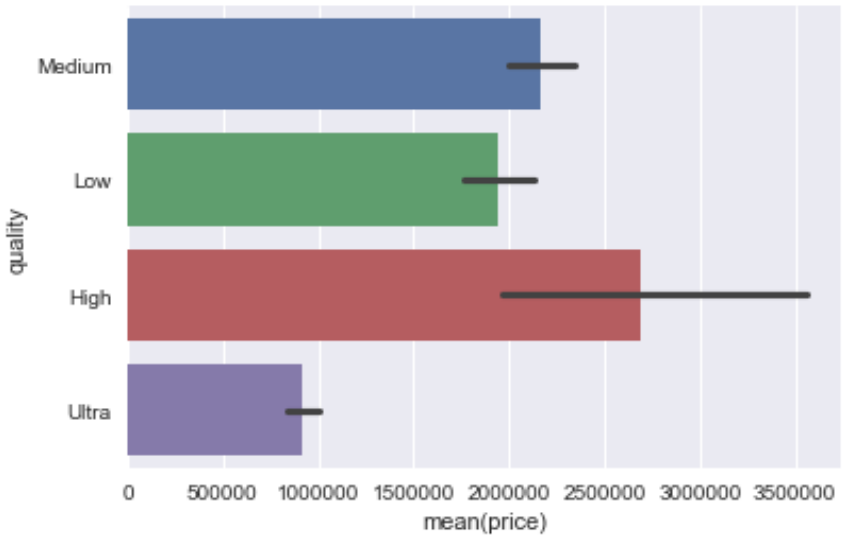
- Property prices ranging from AED 220,000 to 35 Millions
- We have 1906 total properties in our dataset
- Mean price of our apartment is little over 2 Million AED

Our price distribution looks like:


1e−7
4
3
2
1
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
price
1e7


6
5
4
3
2
1
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
1e7

In this plot, we note the more bathrooms and bedrooms, the higher the property price.



We also note a direct proportion between the quality of the property and its high price.