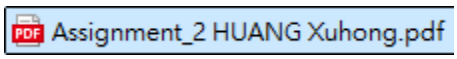
Assignment requirement:

Q1 (**1 point**): count the number of occurrences of each unique value in "**condition.**"
Q2 (**1 point**): please draw a **bar plot** of '**house prices by sqft_above**' and a **density plot** of '**sqft_above**.'
Q3 (**1 point**): please draw a Simple Linear Regression plot of '**house prices by sqft_above.**'
Q4 (**1 point**): what is the **R-squared value** on **testing data** in **complex model 3**?
Q5 (**1 point**): which model is the **best** among the above **complex models**? Why?

What you need to submit to Canvas is a PDF file named "Assignment 2 + your name".

Sample: 

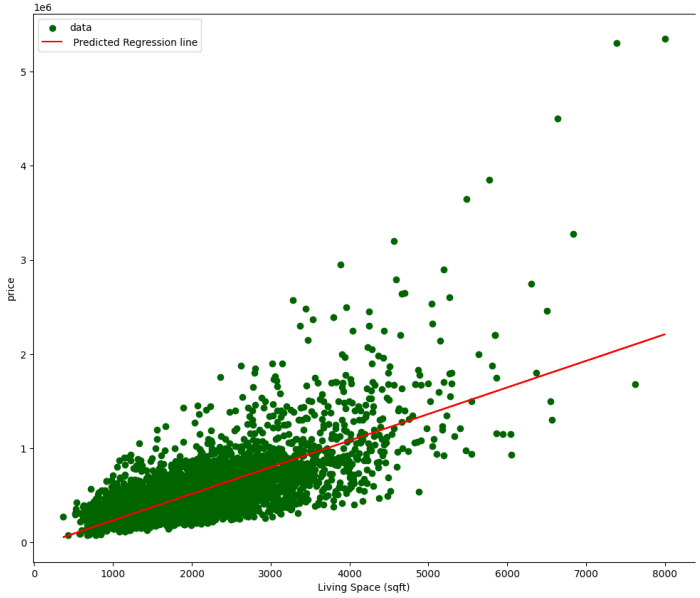
Sample:

Out[8]:

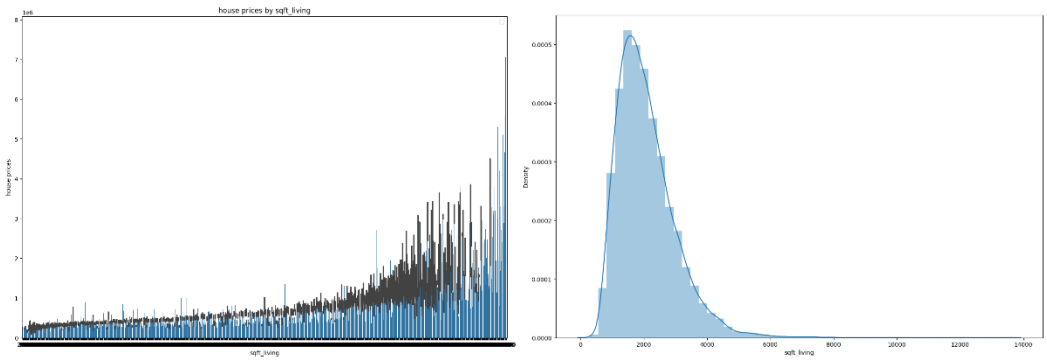
bedrooms	count
3	9824
4	6882
2	2760
5	1601
6	272
1	199
7	38
0	13
8	13
9	6
10	3
11	1
33	1

dtype: int64

Q1 sample



Q3 sample



Q2 sample

Appendix

Assignment 2:

Q1 (**1 point**): count the number of occurrences of each unique value in "**condition**."

Your code:

(Copy your core code here)

Your result:

(Screenshot your results here)

Q2 (**1 point**): please draw a **bar plot** of '**house prices by sqft_above**' and a **density plot** of '**sqft_above**.'

Your code:

(Copy your core code here)

Your result:

(Screenshot your results here)

Q3 (**1 point**): please draw a Simple Linear Regression plot of '**house prices by sqft_above.**'

Your code:

(Copy your core code here)

Your result:

(Screenshot your results here)

Q4 (**1 point**): what is the **R-squared value** on **testing data** in **complex model 3**?

Your answer:

(Write down your answer here)

Q5 (**1 point**): which model is the **best** among the above **complex models**? Why?

Your answer:

(Write down your answer here)

Assignment 2 template