

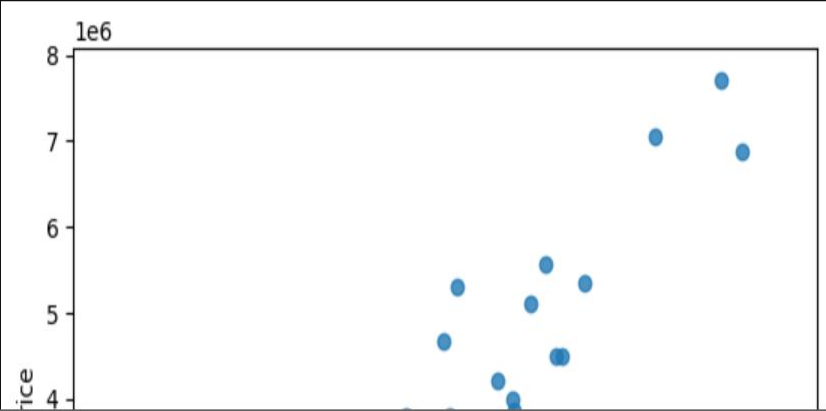


Question 5

Use the function `regplot` in the seaborn library to determine if the feature `sqft_above` is negatively or positively correlated with price.

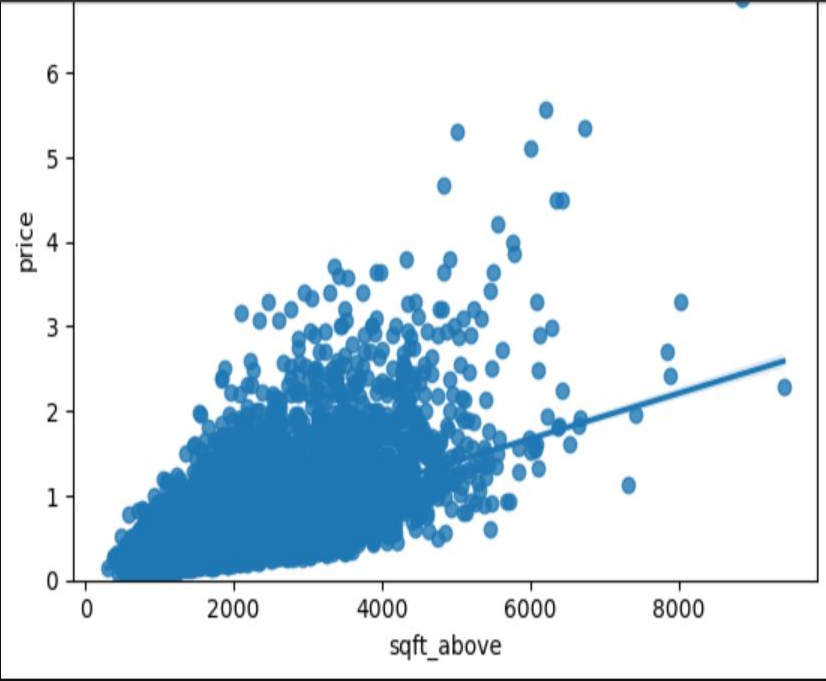
```
[31]: sns.regplot(x="sqft_above", y="price", data=df)
      plt.ylim(0,)
```

[31]: (0.0, 8081250.0)



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We can use the Pandas method `corr()` to find the feature other than price that is most correlated with price.

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Launcher × House_Sales_in_King_Count_USA.ipynb +

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Pyolite ○

```
[32]: df.corr()['price'].sort_values()
```

```
[32]: zipcode      -0.053203
      long         0.021626
      condition    0.036362
      yr_built     0.054012
      sqft_lot15    0.082447
      sqft_lot      0.089661
      yr_renovated  0.126434
      floors       0.256794
      waterfront   0.266369
      lat          0.307003
      bedrooms     0.308797
      sqft_basement 0.323816
      view         0.397293
      bathrooms    0.525738
      sqft_living15 0.585379
      sqft_above   0.605567
      grade        0.667434
      sqft_living   0.702035
      price        1.000000
      Name: price, dtype: float64
```

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