



## Question 7

Fit a linear regression model to predict the 'price' using the list of features:

```
[36]: features = ["floors", "waterfront","lat" ,"bedrooms" ,"sqft_basement" ,"view" ,"bathrooms","sqft_living15","sqft_above","grade","sqft_living"
```

Then calculate the  $R^2$ . Take a screenshot of your code.

```
[37]: from sklearn.linear_model import LinearRegression
X = df[features]
Y = df['price']
lm = LinearRegression()
lm.fit(X,Y)
lm.score(X, Y)
```

```
[37]: 0.6576890354915759
```

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