

Quiz

Linear Regression and Multiple Linear Regression

1. consider the following lines of code, what variable contains the predicted values :

1 point

```
1 from sklearn.linear_model import LinearRegression
2 lm=LinearRegression()
3 X = df[['highway-mpg']]
4 Y = df['price']
5 lm.fit(X, Y)
6 Yhat=lm.predict(X)
7
8
```

- ☐ Y
- ☒ Yhat
- ☐ X

2. consider the following equation:

1 point

$$y = b_0 + b_1 x$$

what is the parameter b_0 (b subscript 0)

- ☐ the predictor or independent variable
- ☐ the target or dependent variable
- ☒ the intercept
- ☐ the slope