

Model Development

LATEST SUBMISSION GRADE

100%

1. What does the following line of code do?

1 / 1 point

```
1 lm = LinearRegression()
```

✓ Correct

2. What is the maximum value of R^2 that can be obtained?

1 / 1 point

✓ Correct

3. If X is a dataframe with 100 rows and 5 columns, and y is the target with 100 samples, and assuming all the relevant libraries and data have been imported, and the following line of code has been executed:

1 / 1 point

```
1 LR = LinearRegression()
2
3 LR.fit(X, y)
4
5 yhat = LR.predict(X)
```

How many samples does **yhat** contain?

✓ Correct

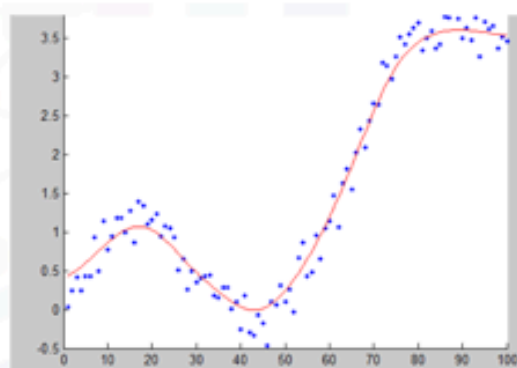
4. What value of R^2 (coefficient of determination) indicates your model performs best?

1 / 1 point

✓ Correct

5. Consider the plot of one independent and one dependent variable. This is an example of what?

1 / 1 point



✓ Correct