

Course > Modul... > Graded... > Graded...

Graded Review QuestionsGraded Review Questions Instructions

- 1. Time allowed: **Unlimited**
 - We encourage you to go back and review the materials to find the right answer
 - Please remember that the Review Questions are worth 50% of your final mark.
- 2. Attempts per question:
 - One attempt For True/False questions
 - Two attempts For any question other than True/False
- 3. Clicking the "<u>Final Check</u>" button when it appears, means your submission is <u>FINAL</u>. You will <u>NOT</u> be able to resubmit your answer for that question ever again
- 4. Check your grades in the course at any time by clicking on the "Progress" ta

Question 1

1/1 point (graded)

Let x be a dataframe with 100 rows and 5 columns. Let y be the target with 100 samples. Assuming all the relevant libraries and data have been imported, the following line of code has been executed:

```
LR = LinearRegression()

LR.fit(X, y)

yhat = LR.predict(X)
```

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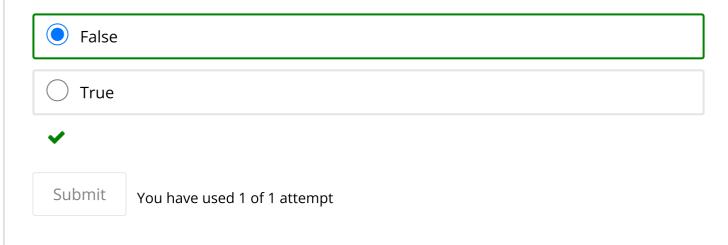
Which statement is true about polynomial linear regression?

O Polynomial linear regression is not linear in any way.		
Although the predictor variables of polynomial linear regression are not linear, the relationship between the parameters or coefficients is linear.		
O Polynomial linear regression uses wavelets.		
Submit You have used 1 of 2 attempts		

Question 4

1/1 point (graded)

The larger the mean squared error, the better your model performs:



Question 5

1/1 point (graded)

Assume all the libraries are imported. y is the target and X is the features or dependent variables. Consider the following lines of code:

Input=[('scale',StandardScaler()),('model',LinearRegression())]

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pipe=Pipeline(Input)			
pipe.fit(X,y)			
ypipe=pipe.predict(X)			
What is the result of y	pipe?		
Polynomial transform, standardize the data, then perform a prediction using a linear regression model.			
Standardize the data, then perform prediction using a linear regression model.			
Polynomial transform, then standardize the data.			
✓			
Submit You have	e used 1 of 2 attempts		