

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

## **Graded Review Questions**Graded 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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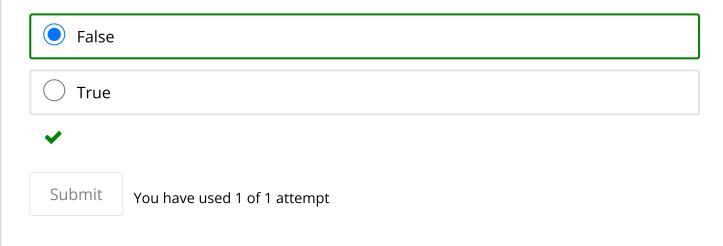
Which statement is true about polynomial linear regression?

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.			
Polynomial linear regression uses wavelets.			
<b>✓</b>			
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())]

pipe=Pipeline(Input)	Graded Review Questions   Graded Review Questions   DAGTOTEM Courseware   Cognitive Class			
pipe.fit(X,y)				
ypipe=pipe.predict(X)				
What is the result of ypipe?				
Polynomial tran	nsform, standardize the data, then perform a prediction using a n 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			