



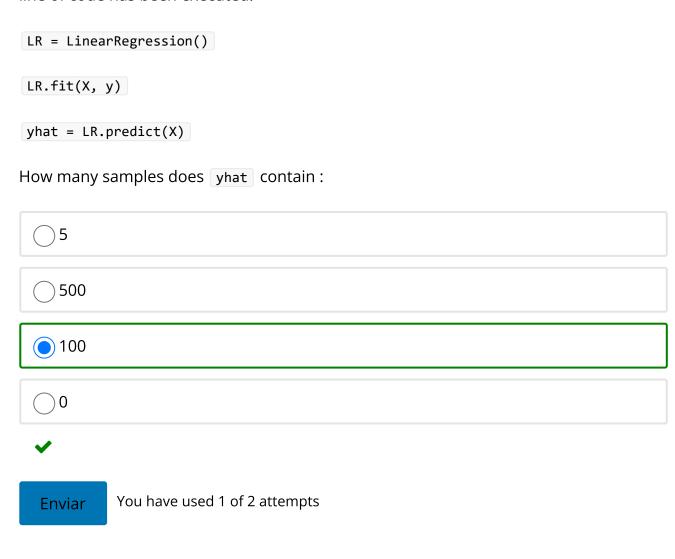
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## **Graded Review Questions**

## 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:



## Question 2

1/1 point (graded)

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

100
1
<u> </u>
Enviar You have used 1 of 2 attempts
Question 3
1/1 point (graded) What 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>
Enviar You have used 1 of 2 attempts
Question 4
1/1 point (graded) The larger the mean square error, the better your model has performed
○ False

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True		
Enviar	You have used 1 of 1 attempt	
Question	n 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:		
<pre>Input = [('scale', StandardScaler()), ('model', LinearRegression())]</pre>		
<pre>pipe = Pipeline(Input)</pre>		
<pre>pipe.fit(X,y)</pre>		
<pre>ypipe = pipe.predict(X)</pre>		
What have we just done in the above code?		
	omial transform, Standardize the data, then perform a prediction using a regression model	
Standa	ardize the data, then perform prediction using a linear regression model	
Polynomial transform then Standardize the data		





You have used 1 of 2 attempts