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2- 1- 1: x = di 2: y = di 3: from : 4: x_tra: 5: x_tra: 5: sep 58 51 55 98 50 6: x_tesi 6: sep 16 80 43 97 37	## ## ## ## ## ## ## ## ## ## ## ## ##
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2]: y = di 3]: from s 4]: x_tra: 5]: x_tra: 5]: sep 58 51 55 98 50 6]: x_tesi 6]: sep 16 80 43 97 37 7]: y_tra:	<pre>if[['sepal_width']] if[['sepal_length']] sklearn.model_selection import train_test_split xin,x_test,y_train,y_test = train_test_split(x,y,test_size=0.3) xin.head() pal_width</pre>
3]: from s 4]: x_tra: 5]: x_tra: 5]: sep 58 51 55 98 50 6]: x_tesi 6]: sep 16 80 43 97 37	sklearn.model_selection import train_test_split nin,x_test,y_train,y_test = train_test_split(x,y,test_size=0.3) nin.head() pal_width 2.9 3.2 2.8 2.5 3.2 st.head() pal_width
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58 51 55 98	6.6 6.4 5.7 5.1
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37 9]: from s	4.9 sklearn.linear_model import LinearRegression
47.	L = LinearRegression()
21.	rRegression()
2]: Linear	rRegression()
01.	ed=model.predict(x_test) ed[0:5]
8]: array(([[5.67100063], [5.9810156], [5.75367129], [5.87767727], [5.73300362]])
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16 80	5.4 5.5 5.0
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4.7.	sklearn.metrics import mean_squared_error
	_squared_error(y_test,y_pred) 4452067067081
2]: # Mode 3]: y = di	del-2 df[['sepal_length']]
y	df[['sepal_width','petal_length','petal_width']]
01.	ain,x_test,y_train,y_test=train_test_split(x,y,test_size=0.3)
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123 33 21	2.7 4.9 1.8 4.2 1.4 0.2 3.7 1.5 0.4
132	2.8 5.6 2.2 ain.head()
9]: se	epal_length 5.1
123 33 21	6.3 5.5 5.1
132	6.4 L2=LinearRegression()
model2	
	L2.fit(x_train,y_train) rRegression()
3]: y_pred	ed=model2.predict(x_test)
4]: 0.0910	_squared_error(y_pred,y_test) 9482487589582
]:	