a \	
9)	Linear Regnerion: predict house poices. using the Barton Housing dataset.
	using the Bacton Howing datacit.
	him had a second
	Impart pandas as pd
	Import numpy as up
	Import Seaboon as Ing.
50 /	Impart matplatlib pyplat as pet
	from skillearn datasets ampart load bacton
or have	from skilearn model selection import
	train teet split.
· 15 (8)	from sklean. Linear model Impart Linear
	Regnereion
	firm skleam metures Impart mean sq
	- uaned Euron, 82-8cone.
1, K. N.	ALOND BELLEVIEW Department of the Control of the Co
	bacton = load bactonic
	df = pd. Datafiname (balton idata : Calumns =
	bouton feature names)
	df ['meov'] = balton - larget
	point (df. head ())
	Y=df.drop(!menv!, axis=1).
	y=df('meDV')
,	X-train, X-telt, y-train, y-telt=
1	train - teet - split (X, y, teet - size = 0.2,
1.2	orandom - state = u2)
	model = Linear Regression ()
	model. fit (x-train, y-train)
	Y-(10160 = model = poredict / X-deet)
	mse = mean _ squared - Euros (y_telt, y-price
	Porint (f" Mean squared Euron: [mse: 249]
	porint (f" Hean squared Euron: [mse: 249") porint (f" R15 care: [va: 243")
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