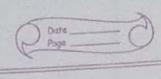
Python implementation of Linear regulation import numpy as up import matpotlib. Pyriot as put def estimate - wet 62,010 m= mp. size (a) mx = np. man(x) my = up, mean (y) 25 - xy= np. sum (y+16) = n+m-y+m -x SC xx = up sum (x xx) - nm xx xm-x b-1 = 35-xy/ 55-XX 6-0 = m-y - b-1 + m-x nuturn (b.0, b.1) dif plot-regulation line las, y, b): PLE . SCOTT UZ, y, color = "m", marker = "0", s= 30) x + E13d + E03d = borg - E Plt. Plot (2, 4- Pred, lobor = "g") PIt - xlabel('x') PIt. ylabel (141) def main (): X = mp. annay (Eo, 1, 2, 3, 4, 5, 6, 7, 8, 9]) y=np array (C1,3,2,5,7,8,9,10,12] b= estimate - coup (2,3) print (" Estimated coefficients:) nb = 0 = { b \nb -1 = 2 5" to mat Chil oupput: (b,0,b-1) = (1,2,3 b3, 1.16969, 1.



	C Page = 0
-	multiple sugrusion line
	du solution import their test-split
	import matphotlib pyplot as fit
	from skhann import datasets, livers-nucle, which
-	douta-uri = "wrl"
	how of = pd. seads v (data-url, sep="1s+", skiprans=2 have all none)
	The state of the s
	v= up. notale ([value of. values [:: 2,1], your db.
	y = raw - of values [1::2,2]
1 3 halis	x train, x-tot, y-train, y-trot = train_tot - split
	(x,b, tust - size = a.y, random - state = 1)
	819 = livear - model. Livear Regression ()
	rig. fit (x-tain grain)
	Print l'variance sure = 83th, format (v.a = 500 ve
	(x-tion, y-tiot)
	PIt. Style. use (' five havy eight') PIt. Scatter (rig. predict (x-train), reg. predict (x-train)
	3 train, whor = 'green' solo lable = train duta'
	PIT. Statter ling. predict (x-test) . rig . predict (x-test)
	plt. lines (y=0, x hin =0, x max = so, liveringth = x)
	PIT regard (loc = 'upper right') PIT . title 1 'proidued core')
	FIE. Show ()
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