{'dat	4.9800e+00], [2.7310e-02, 0 9.1400e+00], [2.7290e-02, 0 4.0300e+00],, [6.0760e-02, 0 5.6400e+00], [1.0959e-01, 0 6.4800e+00],	0000e+00, 7.6 0000e+00, 7.6 0000e+00, 1.1	930e+01,, 930e+01,,	1.7800e+01, 3.9690e+ 1.7800e+01, 3.9283e+ 2.1000e+01, 3.9345e+	-02, -02, -02,				
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#fea # ta df_x: df_y: [13]: # Ge	ture_names= The d	olumn names o variable or t ton.data, col ton.target)	f the data he price of th umns=boston.fe	mean, etc.		also known as the y		3 LSTAT	
	506.000000 506.0000 3.613524 11.363 8.601545 23.322 0.006320 0.0000 0.082045 0.0000	500 506.000000 536 11.136779 553 6.860353 500 0.460000 500 5.190000	506.000000 506.0 0.069170 0.5 0.253994 0.1 0.000000 0.3 0.000000 0.4	00000 506.000000 506.00 54695 6.284634 68.57 15878 0.702617 28.14 85000 3.561000 2.90	00000 506.000000 74901 3.795043 48861 2.105710 00000 1.129600 25000 2.100175		506.000000 506.00000 18.455534 356.67403 2.164946 91.29486 12.600000 0.32000 17.400000 375.37750	0 506.000000 2 12.653063 4 7.141062 0 1.730000 0 6.950000	
75% max [14]: # In. reg=	3.677083 12.500 88.976200 100.000 sitialize your linear_model.Lin	18.100000 27.740000 ear Regression earRegression	0.000000 0.6 1.000000 0.8 n Model ()	24000 6.623500 94.07 71000 8.780000 100.00	75000 5.188425	24.000000 6666.000000 24.000000 711.000000	20.200000 396.22500	0 16.955000	
x_tra [16]: #tra reg. [16]: Linea	nin the model with fit(x_train, y_train)	ain, y_test = your trainin ain)	train_test_sp g data	lit(df_x, df_y, test		dom_state=42)			
print[[-1. -1. 2. -5.	t(reg.coef_) .28749718e-01 3. .61698120e+01 3. .34853915e-01 -8. .47566338e-01]]	8232228e-02 0205116e+00 - 1331947e-03 -	5.82109233e-02 1.28507825e-02 9.28722459e-01	-1.42222430e+00					
y_pro prin [[28. [36.	rint the prediction red=reg.predict(x_ et(y_pred) .53469469] .6187006] .63751079]		st data						
[15. [25. [18. [23. [17.	.63751079] .5014496] .7096734] .16471591] .31011035]								
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[40. [17. [27. [30. [10.	.33137811] .45791446] .47486665] .2170757] .80555625]								
[17. [16. [23. [14.	.87721728] .99492211] .02608791] .268288] .36825207]								
[19. [22. [25. [25.	.38116971] .3092068] .17284576] .05925441] .13780726]								
[16. [17. [30. [20.	.46730198] .60405712] .46564046] .71367733] .05106788]								
[24. [13. [31. [42.	.9897768] .94322408] .97945355] .64706967] .48057206]								
[26. [17. [13. [26.	.70042814] .92507869] .15897719] .68918087] .14924245] .2782306]								
[29. [21. [34. [15. [25.	.99003492] .21260347] .03649185] .41837553] .95781061]								
[22. [18. [33. [24.	.13897274] .96118424] .80310558] .07865362] .74384155]								
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[20. [26. [31. [11.	.70145875] .23215646] .1437865] .12160889] .89762768]								
[27. [10. [16. [24. [5.	48356359] 89034224] 77707214] 02593714]								
[21. [41. [18. [9. [21.	.35152331] .27267175] .13447647] .8012101] .24024342]								
[21. [9. [22. [31.	.02644969] .80198374] .48201752] .99183857] .90465631] .95594718]								
[25. [29. [20. [25. [5.	.48515032] .49687019] .07282539] .5616062] .59584382]								
[15. [14. [20. [24.	.18410904] .08773299] .34562117] .85155407] .80149389] .19785401]								
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[23. [12. [18. [25.	.60231067] .73429161] .08082177] .40997903] .4366158]								
[24. [7. [18. [21. [27.	.68588237] .4995836] .93015665] .70801764] .14350579]								
[15. [34. [12. [21.	.93765208] .19483586] .01357428] .85763091] .06646184]								
[15. [24. [3. [23. [25.	.77437534] .77512495] .64655689] .91169589] .82292925]								
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_	.20145587] .2920276] .57638342] .29265938] .7100235] .10550932]								
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