MTWTFSS DATE Machine Loarning unsupervised Supervised > un labelled Bata Dis Adv. Advantage labelling a data Linear Repression model Basic MI mx+c house find prediction 210m 130 m 90 64 · So on.

DATE MTWTFSS time Task is to minimize the error-100 Calculate gradient dE MB

symon implementation

lon(x)

MTWTFSS gradient (m, c, x, Y): n = len(x)dc=0 in sange (n) dm+= -2 * x[i] * (Y[i] - (m[xi)tg) dc+=-2*(Y(i)-(m(xi)+c)) return dm/n, dm/n gradient descent (m, x, Y, C, Ir, cost_list =[] dm, dc = g sodret (m,c)

m = m - 1 r dm

cost (m, x, c, Y

return m, c, cost cist

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		the latter of the same to have a little particular appearance to
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And the second section of the second second section (1997). The second section is the second section of the second section (1997) and the second section (19		reconstruction and their designative production regarding and support his
12= 0.000		and the second s
epoch = 100		
,		
m, c, list =	gradient desent (m, x,	4, C, 12, 6
y pred = X	*m + C	
1 1		
plt planer (X, Y)	
plt plot (X	, Y-pridict, where se	<u>d' /</u>
plt.show()		