AT Assignment 4 19K41A0538
simple knear regress ton
Sample @ [ x; a   y; a   floor s s s a me) - =
1 7.60 215 R. 0.15 (13.02.0)
2 7-1 194
step! Read datsel, h= 0.1, epochs=1, m=1, C=-1 step2: Set steration = 1 ( )
step 2: Set steration of ( ) seed ) ( )
3043 . Set Sample 1-1 ( 33-131)
Step 4: Y= mx+ (co) = - (pas 20-) + 10 111 3
010000000000000000000000000000000000000
£ = 1 (157 - (1) (7-6) - (-1)) = 2
Step6: DE = - Cy; 9 _ mx; 9 _ e) x19 = - (157-6.6)(4.0
26 = - (y, 9 - mx, 9 - c) = - (157.6.6) = -150.4
step 7: Dm = - 1 36 = - (0.1) (-114). 04) = 114.304
Dc = -n oc = - (0.1)(-150.4) = 15.04
Step 8: m=m+Dm = 1+114.304 = 115.304
C= C+DC = - 1+15-04 = 14.04
stepq! - Sample 7= 1+1=2 de que no que step @
Step 4: 4 = (115. 304) (7.1) + 14.04 = 832.69

Steps: == 1 (174-832.69) = 433872-5 = 216936.25 Step 6! DE = - (174 - (115. 304) (7.1) - 14.04) (7.1) =-(174-832-69)(7.1) = (658.69)(7.1) = U676.69 De = - (174-832.69) = 658.69 VE step 7: Dm = -nde = = (0.1) (u676,69) = -u67-669 DC = - Mac = - (0.1) (658.69) = - 65.869 Ster 8: m= 115-204+(-467-669)= -352, 36 C = 14.04 + (-65.869) = -51.829 Step 9! Sample i= i+1 = 2+1=3 ; = ns F > next step steplo: iter=iter+1 = 1+1=2, ister > epochs + > next step11: 3to.p) ( ) - (21) - - Pix ( 2 - 1 m 2 - 1) 10 11 · (11 01) 1(10) 26 11 = 10 on a large box at the line