Assignment - 5 19KUIBOSIG Step
polynomial Regression model:
7.6 157
7.6 157 7.1 174 epoubs: 1 m1=1m2
step-1: peal dataset 10=0.
step 2: iter=1
i canny 121
1 (N1)
Step 4, 41 = (1) (7.6)2+(1) (7.6)-1= 64.36
Sty-57, F= 2 (4-4.)2
= \frac{1}{2} \left(15.7 - 66.36 \right)^2 \frac{1}{2}
(40-6) DF - Ty, - mg - 2 - m 2 - C) 21
Jron - (1) (7-6)2 - (1) (7-6)++) (7-6)
3F = 764.06.
JF = - [y - m2712, - m, 71, - e] 712, Jm2 = - [y - m2712, - m, 71, - e] 712,
Ton 2-19-112/1-1141
$\frac{\partial F}{\partial m_{2}} = -\frac{1}{3} - \frac{1}{3} - \frac{1}{$
[41027i
3F = - (3)
$\frac{\partial F}{\partial c} = -\left[\frac{1}{157} - \left(1\right)\left(\frac{1}{100}\right)^2 - \left(\frac{1}{100}\right)^2 - \left(\frac{1}{100}\right$
DF = -92.64
96
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Step -7: 0m, = n 3+ = -(0.1) (-704.86)= 70.4 10 m2 = n DT = -(0.1) (-5350.88) = 535.09 D= n A.F = -(0.1) (-92.64) = 9.26 Step-8: m, = m, + om, = 1 +0.4 = 71.4 m= . m 2+ 0m, = 1+35.08=536.08 r= (+0 =-1+9.26 = 8,26 Stepa: = sample => == 1+1=2-8 i = 1+1=2-8 i = 1+1=2-8 Step- 4: 4p= m2(x1)2+m12+6. - (536 ·68) 7 7-112 (71.4) (7-1) + 8-26 = -27.538.99 SHP-5; 7=1 (41-4,1)2=1 (674-7538:44) F = 374421338,9. SHOG = OF = -[4,-10,7-10,7-17]7; = - (174-127623,79-506,94-8,23) = 194291.429 · 37 = = [- m2 1/2 - m/2 - c)2 = - (- 27364.99) (7.112 2F = 1379469.14.

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$$\frac{1}{3} = \frac{1}{5} \left(\frac{1}{2} - \frac{1}{3} \frac{1}{3} \frac{1}{4} - \frac{1}{3} \frac{1}{3} \frac{1}{4} \right) \\
= -\left(-\frac{2}{13} \frac{1}{3} \frac{1}{4} - \frac{1}{3} \frac{1}{4} \frac{1}{3} \frac{1}{4} \right) \\
= -\frac{1}{3} \frac{1}{3} \frac{1}{4} \frac{1$$