Course: ML Reg: 2018831061

Assignment 1

briven, f(2) = ln(1+7); Where 2=xTx

Solve using chain rule!

30 40 45

7

44550

D

3

who we know that,

 $\frac{df}{dx} = \frac{df}{dz} \cdot \frac{dz}{dx}$

chene, $\frac{df}{dz} = \frac{1}{1+2}$

and, dt = 2x

 $\frac{1}{\sqrt{1+2}} = \frac{1}{1+2} \cdot 2\pi = \frac{2\pi}{1+x^{2}}$

Organized By

· Ociety

Assignment 2 Oriven: -f(7) = e -7/2 Whene, 7=9(4)= JT5-17 y= h(n)= n-ll Silve using chain rule, mre, #= - 2 AT = I Ze-72. 95-19 - 5(n-x1) 7. 5-1(x-K)