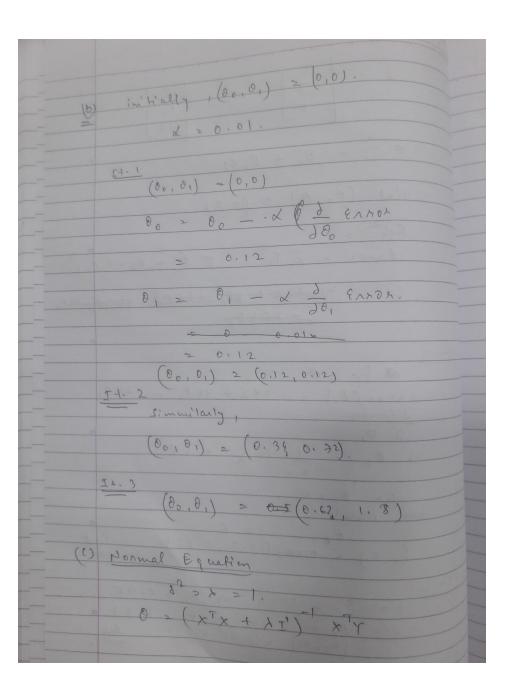
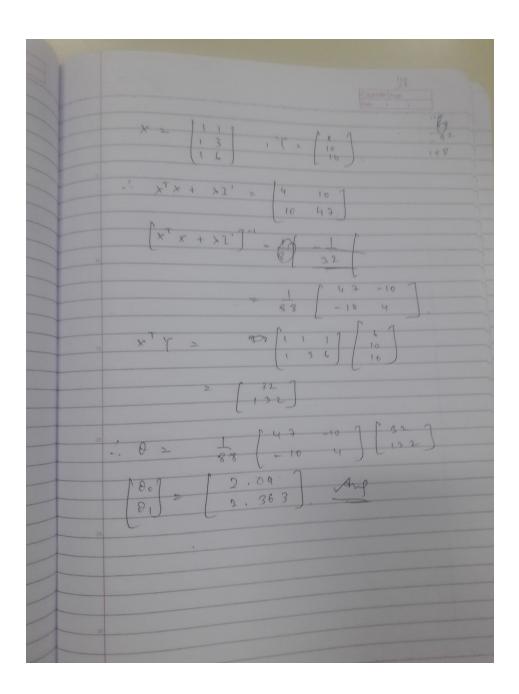
Machine Learning Homework 4 Shivji Bhagat (16110149)

1.

() X > () 1 () () () () () () () () (
10 Y; > 00 + 0, X;
() 1 h'al (00,01) = (0,0)
Enon > \(\xi_1 = \tau \(\xi_1 - \theta_0 - \theta_1 \xi_1 \)
= 392 3002 460, 2 10000, 6400
- 2640
I ter 1
- Enter (0,) = 392 + 460,2 - 2640,
0 \$ 10003 6
2 0,
>> 0, = 51 2 0.56
9 2
pi> 0, 20
then simuilarly
(e, 0,) = 0.56 (10.6, 0.56) Ang
Flex 2
fix 0 = 0.56 -> 0 = 8.83 (0,0) = (0.95, 8.83) Ay
Then 3 simultanty, (00,01) 2, 80. (2.1, 1.2) Ap





- 2. Link- https://gist.github.com/iMshivji/8f1b06f0fb8b363acc9915ea5e6773f0
- 3. Link https://gist.github.com/iMshivji/b7264893e27d9c9326f6f1ce750b680d
- 4. Link https://gist.github.com/iMshivji/9ed392bdc20eaee0d4cfcc2ba03ce759
- 5. https://gist.github.com/iMshivji/22d42858d837283d88a3d793cd354dfa