## CS-584 ASSIGNMENT 2 GENERATIVE LEARNING COSTO : A 20344798. Naive Baye Binomid Feature a) log likely hood Runetion (Pa)- (1/4= has) be - x 0) decivative respect to (Xj/y=y=1) f equate to zero: 3 (10) = ( OKj/y=yu) [izi izi log (ku) + xi log x 1/4-400 + (pd)-xd) log (1- x'1(4=40))

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$$\frac{1}{2} = \frac{1}{2} \frac{(4-1)}{(4-1)} \times \frac{1}{2}$$

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