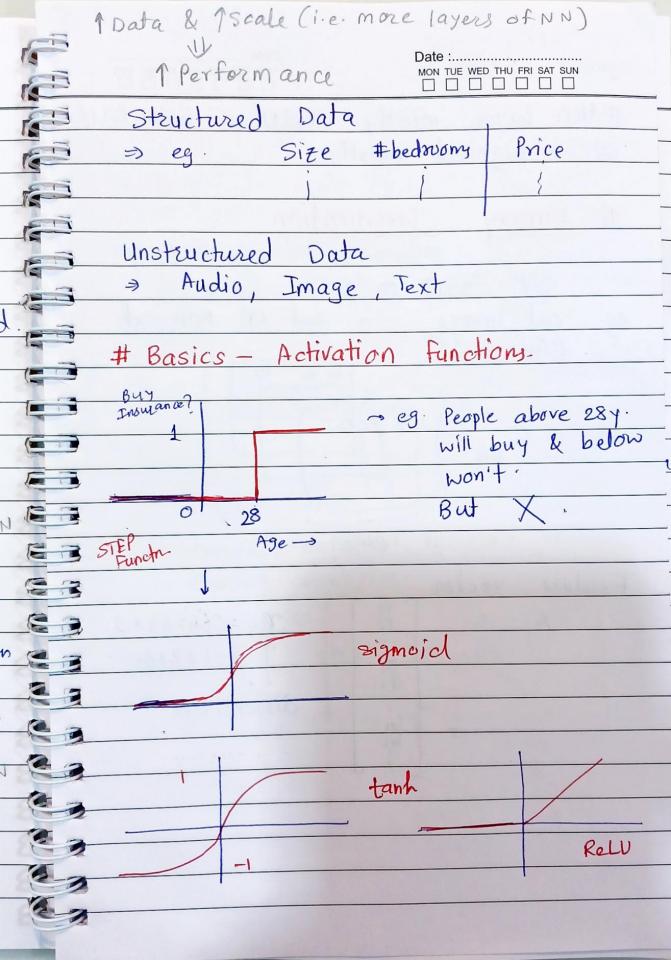


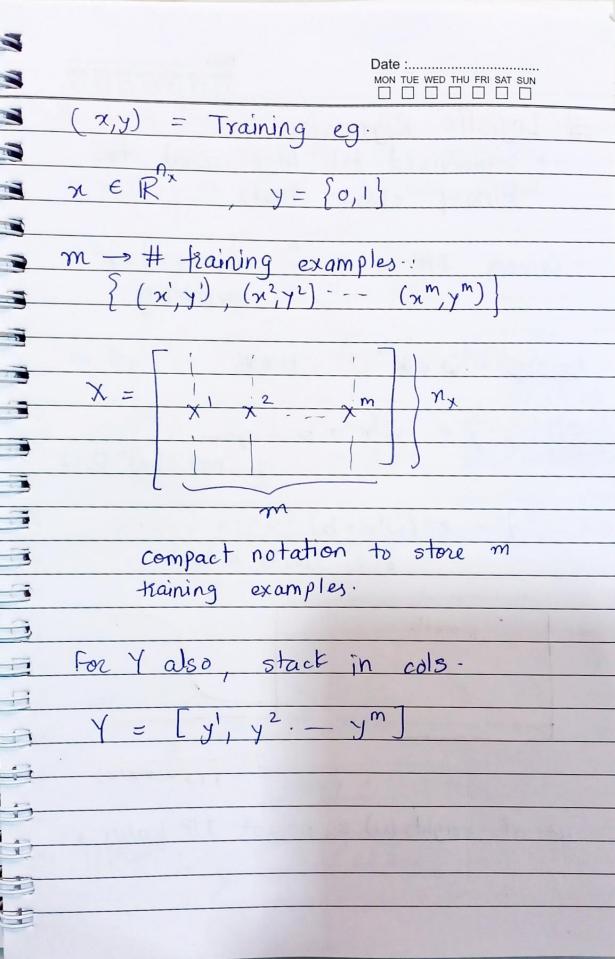
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Temporal (time) data - mainly RNN.			1
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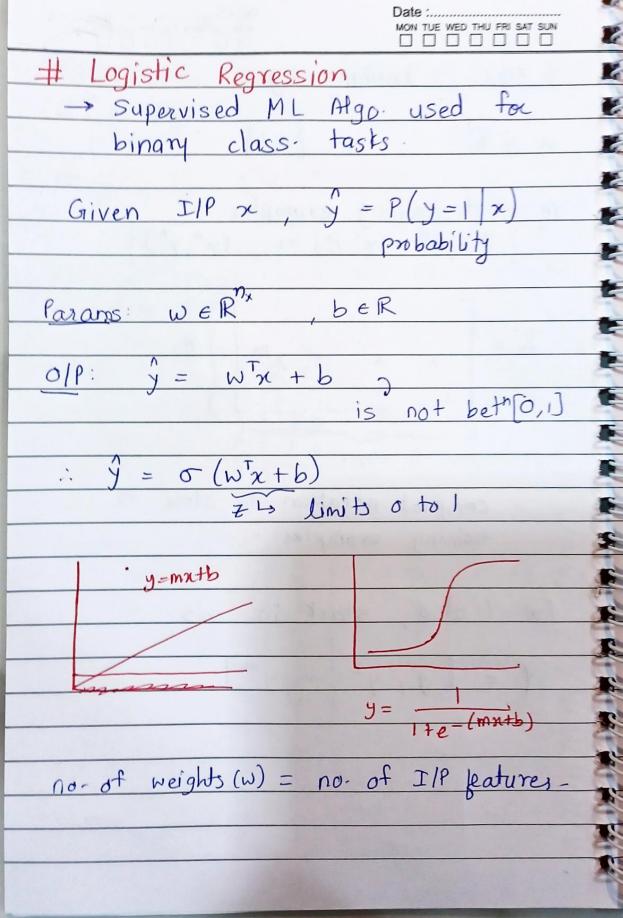
(Koala example)



Sigmoid He-E Date :.....

MON TUE WED THU FRI SAT SUN Hidden Layer mostly - RelV or Leaky RelV. OIP -> sigmoid mostly. 1 # Binary classification 6 0/P -> 0 or 1 2 eg- cat image - cat or non-cat (64×64) b1 b2 -- b3 82 83 -64 64 Feature vector E 81 =) nx = 64×64×3 E dimension.





Date :.... MON TUE WED THU FRI SAT SUN # Loss Function: - Measures how for an estimated value is from its true value. 1 - For general Linear Reg1: Loss = 1 & (Yi - Yi) - But for Logistic Regr. & don't work. 3 currie with multiple local minima Descent loss1 J(W) Weight (W) 3 optimal Grad. Desc. Loss for applied to single training eg. Cost in: Cost of parameters. 4 $L(\hat{y}, y) = -(y \log \hat{y} + (1-y)(0.9(1-\hat{y}))$ - $J(w,b) = \int_{\infty}^{\infty} L(\hat{y}^i, y^i)$