2-layer Moon Square orror Z1= W, X, + b1 a= g(Z1) where g is the achiretion function g can be signified or ten hor REW. 22= W2X2+b2 az = Z2 -> This is the difference of Classification and Regnossion. Regression uses the identity function of for the output leyer, and just needs one neuron as there are no classes present whereas binary classification requires signiard furtion for the output layer. dz22 a2-y dw2= dz2-91 $db_2 = dz_2$ dz1= W2. d2 x 9(Z1) $dw_1 = dz_1, x_1$ $db_1 = dz_1$

 $W_1 = W_1 - \chi dW_1$ $W_2 = W_2 - \chi dW_2$ $b_1 = b_1 - \chi db_1$ $b_{22} b_2 - \chi db_2$

