WEEK 2: NN BASICS
Log. Reg. avs or NN
Binory Classification R. C., B. (1 Coat) vs (0 Cnon-cat)
Unroll pixel values into a feat vertor $ \begin{bmatrix} 25 \\ 231 \end{bmatrix} $ $ 64 \times 64 \times 3 = 12288 $ $ x = 255 $ $ 134 $ $ n = n = 12288 $
Notation: (x, y) x & (R ⁿ x, y & (0, 1)) m train examples: (x (1), y (1)), (x (2), y (2)),, (x (m), y (m))) m = m train m test = n of test examples V = (n) (2) (m) N x
$X = X \times $
Y= [ycn ycz) ycm] Yellin, Yshape(hm)