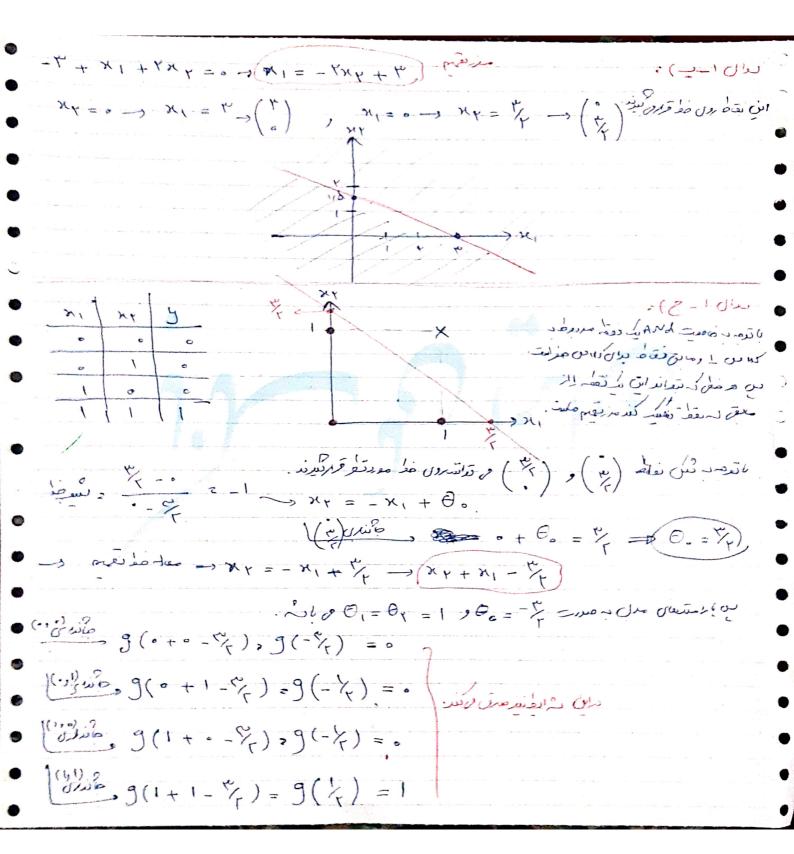
$\frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{2$



Softmax $(x+c)_i = \frac{e}{e} \times e^{x_i} = \frac{e}{e} \times e^{x_i} = \frac{e}{e^{x_i}}$ $\frac{e}{e^{x_i}} \times e^{x_i} = \frac{e}{e^{x_i}} \times e^{x$

argmax P(y) (1 P(x:17)

-4010 -

if species=M=p(y=M) = == / P(Color=green(y=M) = == /.

P(legs=r/y=n) = / , P(height = tallly:n); / , P(smelly: Noly:n); / E

if species = H -> P(y = H), & = /, P(Color = green 1 y = H) ? (E

P(legs=r|y=H) > 1, P(height > tall|y=H) > /, P(smelly > No 14 > H) > /E

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· l(w,b,x) = + 11w11 - & x; (yi (xi) w +b) -1 Odl = w = & xiyixi = = = w = & xiyixi $\frac{\partial de}{db} = \frac{\partial}{\partial x} \left\{ \frac{\partial}{\partial x} = \frac{\partial}{\partial x} (y_i x_i) \right\} = \frac{\partial}{\partial x} (y_i x_i) =$ Dual: \(\(\alpha \) = \(\frac{1}{r} \) \(\alpha \) = \(\frac{1}{r} \) \(\frac{2}{r} \) \(\frac{1}{r} \) \(\frac{1}{r} \) \(\frac{2}{r} \) \(\frac{1}{r} \) \(\frac{2}{r} \) \(\frac{1}{r} \) \(\frac{ s.t; } ~iji = 0) ~i = 1,7,...,n MAX TO SE SE NO TO TO SE NO TO 7 X1 = 8 + 9 = 17 , T x7 = 7x1 + 1x7 = 7x , X = 1 x = max -1 [14x1 + 1/2 x1x4 - 67 x1x4 + 1/2 x7 - E/ x1x4 + El x4]

$$\vec{J} = max - \frac{1}{7} \left[N\alpha_1^{7} + 10\alpha_1^{7} + 17\alpha_1 \alpha_1 + 7\alpha_1 + 7\alpha_1 + 7\alpha_2 \right] = (ii) \frac{3}{7} \cos(3)$$

$$\frac{dJ}{d\alpha_i} = -\Lambda\alpha_i - \Lambda\alpha_i + Y = 0 \longrightarrow \alpha_i = \frac{-1}{1 + \Lambda\alpha_i} = \frac{-\lambda\alpha_i + \gamma\alpha_i}{-\lambda\alpha_i} = \frac{-\alpha_i + \gamma\alpha_i}{-\alpha_i} = \frac{-\alpha_i}{-\alpha_i} = \frac$$

$$\frac{dj}{d\alpha_{Y}} = -10\alpha_{Y} - N\alpha_{I} + Y = 0 \longrightarrow \alpha_{Y} = \frac{-1}{10} = -\frac{N\alpha_{I} + Y}{10} = \frac{1}{10}$$

$$-\sqrt{\left(-\frac{x}{\sqrt{x}}\right)} + \sqrt{2}$$

$$\sqrt{2}\sqrt{x} - \sqrt{x} + \sqrt{2}$$

$$\sqrt{2}\sqrt{x} - \sqrt{x} + \sqrt{x}$$

$$\alpha_1 = -\alpha_{Y+1} = \frac{1}{\xi} = \frac{1}{\xi}$$
, $\alpha_{Y} = \alpha_{Y+1} = \frac{1}{\xi}$

$$\omega^{\alpha} = -\frac{1}{\xi} \begin{bmatrix} \xi \\ \xi \end{bmatrix} + \frac{1}{\xi} \begin{bmatrix} \xi \\ \omega \end{bmatrix} = \begin{bmatrix} -\frac{1}{\xi} + \frac{1}{\xi} \\ \frac{1}{\xi} \end{bmatrix} = \begin{bmatrix} \frac{1}{\xi} \\ \frac{1}{\xi} \end{bmatrix}$$

$$\frac{\partial \varphi_{0}}{\partial \varphi_{0}} = \frac{\gamma}{1} = \frac{$$

$$y = \omega^T x + b = \begin{pmatrix} F \\ F \end{pmatrix}^T x = F \Delta$$

