ractice	Miltern.
Broblew	1: parameters describe linear regression & ligistic regression.
Problew	12.0~1
Problem	5. L'square Error = 11t-4112, calce the residual
Problem	6. $\sqrt{(x_1^a - x_1^b)^2 + (x_1^a - x_1^b)^2 + (x_1^a - x_1^b)^2}$
	$\int (5-1)^2 + (9-2)^2 + (-3+6)^2 = \int \alpha$
Problem	7. $y = w_0 x_0 + w_1 x_1 + w_2 x_2 = w_0 x_1 + w_1 x_1 + w_2 x_2$ = $w^T x$
	= [wo, w, w2] = [xo, x, x2]
	8. $y = w^T x$ Coeff = weight movie/vector $(y-t)^{\gamma}$
	$\overline{w} = \overline{w} - 2\overline{x} = \overline{w} - 2\overline{x} = \overline{w} - 2\overline{x} = \overline{w} - 2\overline{w} = \overline{w} = \overline{w} - 2\overline{w} = \overline{w} = $
	$w_i \leftarrow w_i - adT$ dw_i
	4

Sticle 26

$$\frac{1}{1+e^{-2}}, \frac{1}{2+w^{2}}$$

$$\frac{1}{1+e^{-2}}, \frac{1}{2+w^{2}}$$

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Sticle 26
 \frac{\partial \mathcal{J}(t)}{\partial w_{i}} = \left(\frac{-t}{y} + \frac{(1-t)}{(1-y)}\right) \cdot y(1-y) \cdot x_{i}^{2} = (y-t)x_{i}^{2}
     W; - w; - a \( \frac{\text{y}^{\dis}}{N} - \frac{\text{t'}}{\text{x}} \) \( \text{y}^{\dis} - \text{t'} \) \( \text{x} \); gradient obsect update
                             optimize cost J, equivalently
                                   \{1, 2, 3, 4, \dots, k\} = animals
                                   y = (at (category 1)
          instead of having y=1, we have y=[1, 0, 0, ..., o] EIRK
 D = features; dealing u/x a·b X b·c = a·c | slide 31 | K = classes; dealing u/y. w = KxD.
    bug
≥ = Wx + b ← = 2 = Wx; xo=1
f(0) = \begin{cases} 0.5 \\ 0.4 \\ 0.1 \end{cases} k. \quad y_{k} = Softway(2_{10} ... \frac{2}{k}) = \begin{cases} 2^{2k}buq \\ 0.1 \\ 0 \end{cases} 
buq
       Ice (y, t) = - It k log yx = - + T log (y)
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