define a loss function:
$$l(0) = \frac{1}{2}(\mathcal{J} - h(X_1, X_L))^2$$

$$0 = (b, w, w_1)$$

$$7h = \left(\frac{1}{36}6, \frac{3}{306}6, \frac{3}{305}6\right)$$

$$0^{\circ} = \begin{pmatrix} 4 \\ 5 \end{pmatrix} \rightarrow 0' = \begin{pmatrix} 4 \\ 5 \end{pmatrix} + \alpha(y - 6(u)) \begin{bmatrix} 6'(21) \\ 6'(21) \times 1 \\ 6'(21) \times 2 \end{bmatrix}$$

$$(x_1, x_2, y_1) = (1, 2, 3)$$

$$6(t) = \frac{1}{(te^{-t})^2}$$

$$6(t) = \frac{e^{-t}}{(te^{-t})^2}$$

$$6'(t) = 6(t) \times (1-6(t))$$

$$\frac{1}{3} = \frac{4}{5} + \alpha \left(\frac{7}{3} - \frac{6'(21)}{6'(21)} \right) \begin{bmatrix} 6'(21) \\ 6'(21) \times 1 \end{bmatrix}$$

2, [a]
$$6(x) = \frac{1}{(+e^{-x})^{-2}} = 5$$

$$5' = -\left((1+e^{-x})^{-2}(-e^{-x}) = \frac{e^{-x}}{(1+e^{-x})^{2}}\right)$$

$$f_{ex} k = 2$$

$$5'' = (5(1-5))' = 5'(1-5) + 5(-5')$$

$$= 5'(1-5-5) = 5'(1-25) = 5(1-5)(1-25)$$

$$f_{or} = \frac{1}{6} (x) - \frac{ds}{dx} \cdot \frac{d}{ds} \left[S(1-s)(1-2s) \right]$$

$$= \frac{ds}{dx} \cdot \frac{d}{ds} (s - 35^2 + 25^3)$$

$$6(x) = \frac{1}{1+e^{-x}} = \frac{e^{\frac{x}{2}}}{e^{\frac{x}{2}}+e^{-\frac{x}{2}}}$$

$$\tanh\left(\frac{x}{2}\right) = \frac{e^{\frac{x}{2}} - e^{\frac{x}{2}}}{e^{\frac{x}{2}} + e^{\frac{x}{2}}}$$

$$6(x) = \frac{1}{2} \left(1 + \tanh \left(\frac{x}{2} \right) \right)$$

3.

小的行弹推力。不可能到

2. 40行发扩展 botch size

3. 6(21) 管不管 学致模型學不