$$P(0|0=\hat{0}) = \prod_{i=1}^{N} p_{i}^{(i-p)} = p_{i-p_{i}}^{(i-p)} = p_{i-p_{i}}^{(i-p)}$$

$$y \in \{0,1\}$$

$$= p_{i-p_{i}}^{(i-p)} = \sum_{i=1}^{N} |y_{i}|^{2} + (N-\xi y_{i}) |y_{i}|^{2}$$

$$= p_{i-p_{i}}^{(i-p)} = \sum_{i=1}^{N} |y_{i}|^{2} + (N-\xi y_{i}) |y_{i}|^{2}$$

$$\frac{1}{9} = 9 \times + b \implies P = e^{ax+b} = \frac{1}{1-P} = e^{ax+b}$$

$$\Rightarrow \frac{1}{1-P} = 1 + e^{ax+b} = \frac{1}{1+e^{ax+b}} =$$

$$\frac{\partial P}{\partial a} = \frac{\sum_{i=0}^{N} (ax+b)}{\sum_{i=0}^{N} (ax+b)} = \sum_{i=0}^{N} (ax+b) = \sum_{i=0}^{N}$$

$$\frac{\partial P}{\partial b} = \frac{N}{1+e^{\alpha y+b}} = \frac{2y}{1+e^{\alpha y+$$

regression

Scanned by CamScanner

P= Ey;

l glistic والمان regressian is from the لرستى كى س

لبوال

. مع دو کلاسی پاراسر مه در

@b Pauneril set Ju Combals @ 17

 $\lim_{x \to 0} \frac{f_i(x)}{1 - f_i(x)} = \beta_i + \beta_i x$

و طوررا دارد: و بنادی.

+ بناءلين داناع وللاس درار در زرگی مگیج سے

 $\begin{aligned}
X_i &= X_i$

 $L_{455}(\beta) = \prod_{i=1}^{N} P(x_i = y_i) = \prod_{i=1}^{N} \frac{e^{x_i T} w_i}{\stackrel{\text{def}}{\not=} e^{x_i T} w_i} = 19L1 = 1$

(B)= \(\frac{e^{\text{xi}^T w_i}}{k} = 7 \) Gradian (1) \(\text{m-in} \) = 7 \\ \(\text{in} \) \(\text{in} \) \(\text{Gradian} \)

hor j from I to 1<

Wj = Wj - y \ V lj (w)

Learning vate

ar , while

while lass > threshold

Joseph January K

W=W-972