Giriadrent Descent

$$L = \underset{w_1 w_2 b}{\operatorname{arigmin}} \quad \frac{1}{n} \quad \sum_{i=1}^{n} \max(o, -y_i f(x_i))$$

for i'in epochs:

$$W_1 = W_1 - \eta \frac{\partial L}{\partial w_1}$$
 $W_2 = W_2 - \eta \frac{\partial L}{\partial w_2}$
 $D = D - \eta \frac{\partial L}{\partial w_2}$
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$$\frac{\partial p}{\partial r} = \begin{cases} -3e^{-x} & \text{if } 3e^{-x}(x_0) < 0 \\ -3e^{-x} & \text{if } 3e^{-x}(x_0) > 0 \\ -3e^{-x} & \text{if } 3e^{-x}(x_0) > 0 \end{cases}$$

$$\frac{\partial m^2}{\partial r} = \begin{cases} -3e^{-x} & \text{if } 3e^{-x}(x_0) < 0 \\ -3e^{-x} & \text{if } 3e^{-x}(x_0) > 0 \\ -3e^{-x} & \text{if } 3e^{-x}(x_0) > 0 \end{cases}$$

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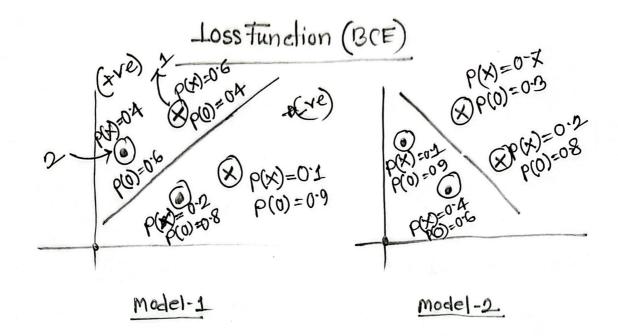
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$$\frac{\text{point 2}}{-\frac{1}{2}} \frac{1}{9} = 0$$

$$-\frac{1}{2} \frac{1}{9} \frac{1}{9} \frac{1}{9} - \frac{1}{9} \frac{1$$

1

T=Z=A! lod(A!) - (1-A!) lod(1-A!)

LogLoss Ennon-

Binary Cross Entropy