Hinge Loss	
	L1 PM
	7 3 60 3 61 7
	(- S.o.). 11 - [1
	S= s:
	(correct,
	NX C aviay eloss label
	N pieces of data Ry each
	C class scores Latur
	For each
	$L_{i} = \sum_{k=1}^{C} \max(0, \Delta + S_{k}^{(i)} - S_{j})$
	$L = \angle Max(0, \Delta + S_{i}^{*} - S_{i})$
	' kei J' '
	k * y:
	(0,0>×
	max(0,x) = }
	$\max(o,x) = \begin{cases} 0, o > x \\ x, o < x \end{cases}$
	1max(0,x) 50 (00>x
	$\frac{d_{\max(0,x)}}{dx} = \begin{cases} 0 & 0 > x \\ \frac{dx}{dx} = 1 \end{cases}$
	Α× (τ̄χ=' (' ο< X
	$1 (x) = \begin{cases} 0, & 0 > x \\ 1, & 0 < x \end{cases}$
	11(x) = 71, acx
	$\frac{\partial \mathcal{L}}{\partial x} = \frac{1}{2} \left(\frac{\partial x}{\partial x} + \frac{\partial x}{\partial y} + $
	$\frac{\partial L_i}{\partial s_j} = 11(0, \Delta + s_j^2 - s_j;) (j \neq y;)$
	$\frac{\partial L}{\partial S_{ij}} = -1(0, \Delta + S_{ij}^{(i)} - S_{ij}^{(i)})$
	$3 \le 1 = -11(0, \Delta + 5; -54;)$
	- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
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