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13 गुरुवार Thursday ¥

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we have created.

Loss Functions

January January

of the model

f (4, 3) 17 2022

A) Kegrussian

(1) MAE: Mean Absolute Envoy (4 loss /1

ss of whom TUN HOS

5507 function for Repression

Mean Absolut Error

1 1 Mean Huben Squared Swor

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Friday शुक्रवार

January जनवरी

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Binary Cross Entropy

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- Not differentiately

JAN Su Mo Tu We Th Fr Sa Su Mo

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Any option appropriate has a

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Loss function morning de

2022

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(<u>L</u>)

A rawbolk (1) 3+ 1s will dominate the overall value - cause of this squared sons 1 hw to auxilem

* Go for MSE any believe autiliar and

ciii) Hubor loss

मंगलवार Tuesday - (B, E) 87 12(y-3) - (y-3/28 1/2-5)\-1/6-0 dandy

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Thursday 20

8 5 (1-4) > 5 (元) 十 87 5- 61 1 (F-F) 2/1

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JAN SU MO TU We Th Fr Sa SU MO

जनवरी January (1×) Psyudo thebor Loss - Nothing Jour smooth approximation of Hubby Loss 0 12/1+((y-f))+s)2-1) Ca Wednesday Hubor Loss बुधवार Junction गुरुवार 🖍

January Is bonthnesses for all values. ensures that derivative of loss function

Ε, Hinge loss (for binary classification) C 11 classification Losses max (0, (1-t.y) + moditions

FEB SU MO TU WO TO F SA SU MO SU WO TO FF SA SU MO TU WO TO FF SA SU MO any two ratues. Value toract [Raw out coms)

Value



जनवरी January

2022

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Monday सोमवार

शुक्रवार Friday didilon K Classe 1 Class A ·(2,2),t=+1 ナスーコ (h'k) = F 1-x+ h= January जनवरी

शनिवार Saturday January जनवरी

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0 2 15 49 class & (-vc) Ŗ Class 4 o then wise it belows t

Case 1: actual value (g) = +(2,1)= (212) - Anput point 2+2-1= W

The state of the loss (L) = max (0,1-(+1)3) = max (0,-2)

Comety por diction

JAN Su Mo Tu We Th Fr 2022 30 31 Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

say hypurg stars casez L= max (0, 1 - (+1) (-3) predicted & = -3 max (014) activat

Probabilities.

predicted

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4 -> word Production

January Binary cross Exhapy been (Silmord cross exhaps been) Tuesday 25

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	Slgmo-td.	
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BCE ıI y log ((2;))

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BCE ţ - 4, log (g) - y2 log (g)

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JAN Su Mo Tu We Th Fr Sa Su Mo 26 Wednesday (E: S=4 1 गुरुवार Thursday lategorial Cross enhapy loss 4 11 predicted value l A = A achal value. CCE = 1-1=1-Y ١ (1-1) Boy (h-1) - Boy h-(36) by The (all Robert (41) 4A 11 Classes 7,2 Softmax - \ y; log (softmax (2:)) A; (b) (x) 1 2 1 - 4 , رح کے کے CY A ۶ ۹ ya ya Ja yc 66 1 1 Sy 2 -January January h जनवरी जनवरी

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Sparse array

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(-0.5)	A a bo	0.7,0.3	איניף	- 100	0,1,0	0,1,0	P. Britan	2022
- (-0·5) = 0·5	- 0.3 lac	0 -3 ,0	Correct prediction	1 60 (1)				
And the second	(1) Bay		05	0				(R)
शनिवार Saturday 29	- 0 log (0)			(ه) الم			grant 28 Friday	
29	}(0)						28	

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