Loss Functions

what's the objective?? (find global minimal

Saturday, October 2, 2021

2:59 PM

for Repression loss-14-y,

of -What are they??

O -Where to we use them??

Q -Types of lossfunction??

convexifications .

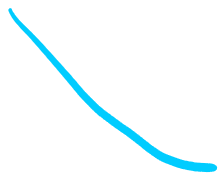
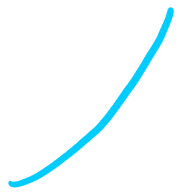


MSE = EM

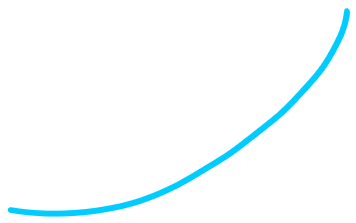
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YIIthen (I-A):

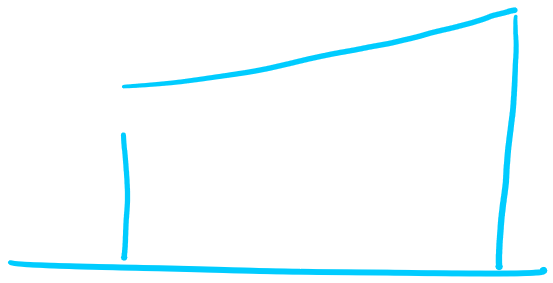


linear Regression





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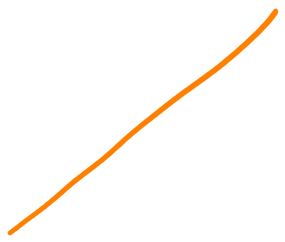


MAE = 17-7 .

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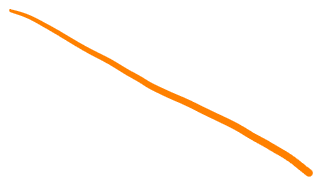
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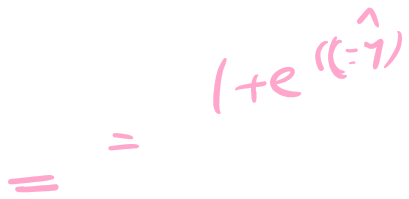
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classification problem H T ECOI] + a

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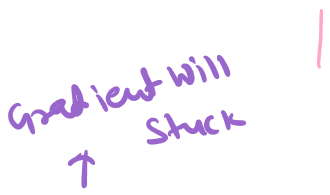
214-4) MSE (4. item, .



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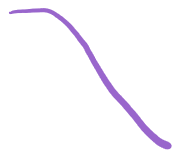




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ocross Entropy functions)

cost (7.19) = -logy-CI-y-Koger-igg) :

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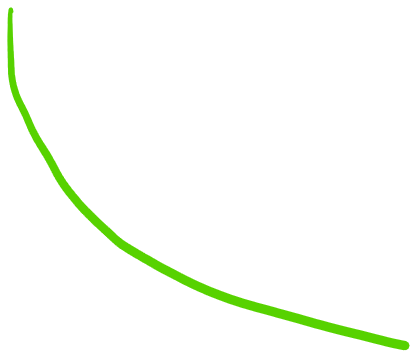
toga-is 420



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Log (y\*



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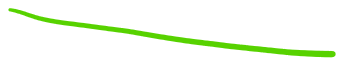


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case\* y 42184=1

costly-y-tog(s)

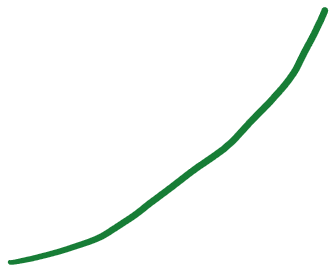


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O (minimum

cases 4=0 ( KEO

-Loga-i) costly-Tú-logit-y,



More error loss goes toward the



(tons.

minimum loss you

<https://towardsdatascience.com/why-not-mse-as-a-loss-function-for-logistic-regression-589816b5e03c>

<https://towardsdatascience.com/why-using-mean-squared-error-mse-cost-function-for-binary-classification-is-a-bad-idea-933089e90df7>