



Loss Function

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Definition : Loss function measures how far an estimated value is from its trust value

It is helpful to determine which model performs better and which parameters are better

$$Loss = \frac{1}{n} \sum_{i=1}^n (Y_i - \hat{Y}_i)^2$$

Here,

n = number of data points

Y_i = Actual (true) value

Ŷ = estimated value

Types of Loss Function:

- ❖ Cross Entropy Loss
- ❖ Squared Error Loss
- ❖ KL Divergence