

## A Study On L2 Loss Squared Hinge Loss Multiclass Svm

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Loss Function | Loss Function In Machine Learning

Generally, L2 Loss Function is preferred in most of the cases. But when the outliers are present in the dataset, then the L2 Loss Function does not perform well. The reason behind this bad performance is that if the dataset is having outliers, then because of the consideration of the squared differences, it leads to the much larger error. Hence, L2 Loss Function is not useful here.

What Are L1 and L2 Loss Functions? - AfterAcademy

L2-norm loss function is also known as least squares error (LSE). It is basically minimizing the sum of the square of the differences (S) between the target value ( $Y_i$ ) and the estimated values ( $f(x_i)$ ): The differences of L1-norm and L2-norm as a loss function can be promptly

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