Loss Function

A function which gives us the distance between the current output and the expected output of the algorithm. It is also sometimes called an error function. There are two types of loss functions:-

1. Classification
2. Regression

Optimisers

Optimizers are algorithms used to change the attributes of your neural network such as weights and learning rate in order to reduce the losses. Optimizers help to get results faster.

Types of optimisers:-

Gradient Descent (GD)

## Stochastic Gradient Descent

## Mini-Batch Gradient Descent

## Momentum Based Gradient Descent

## Nesterov Accelerated Gradient (NAG)

## Adagrad

## RMSProp

## Adam