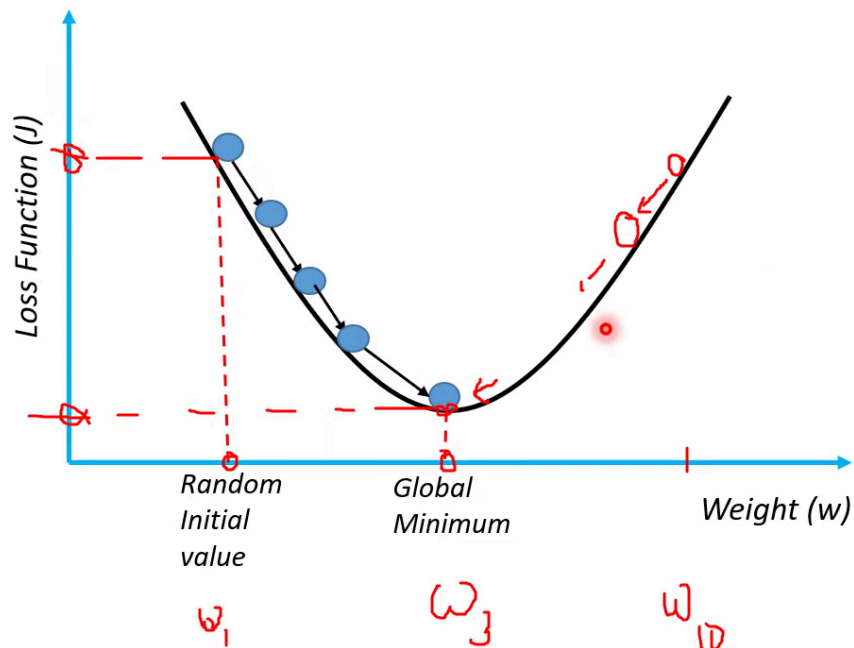


Gradient Descent

Gradient Descent



Gradient Descent is an optimization algorithm used for minimizing the loss function in various machine learning algorithms. It is used for updating the parameters of the learning model.

$$w = w - L * dw$$

$$b = b - L * db$$

w --> weight

b --> bias

L --> Learning Rate

dw --> Partial Derivative of loss function with respect to ~~m~~ w

db --> Partial Derivative of loss function with respect to ~~c~~ b