

1- Initialize randomly weights and bias to 0.

2- Forward propagation (obtain results):

↳ Linear part : $z = W^T x + b$

↳ Activation : $g(z)$; $g = \text{relu} / \text{sigmoid}$

3- Compute loss.

4- Backpropagation

5- Update parameters

} n iterations
(train)

7- test