

Neural Networks:

It is a sequence of layers, beginning with the Input Layer and going on to the hidden layers and finally the output layer.

Activation function:

Weighted sums are used to determine the output of the activation function, which are just a product of the weights and the corresponding nodes of the previous layer. This is calculated for each new layer.

Bias is a value added to the weighted sums and there are equal number of weights and bias.

Back Propagation: Adjusting the weights and bias to get the desired output is achieved by back propagating through the network. Basically used to check the difference and correcting the output by changing the weights and bias. Used to improve accuracy of the model.