A Neural Network is a connected network of neurons/a connected layers of neurons

Input Layer

Neuron A

Weight 1

Output Layer

Neuron B

Weight 2

Weight 3

Neuron C

Weight 4
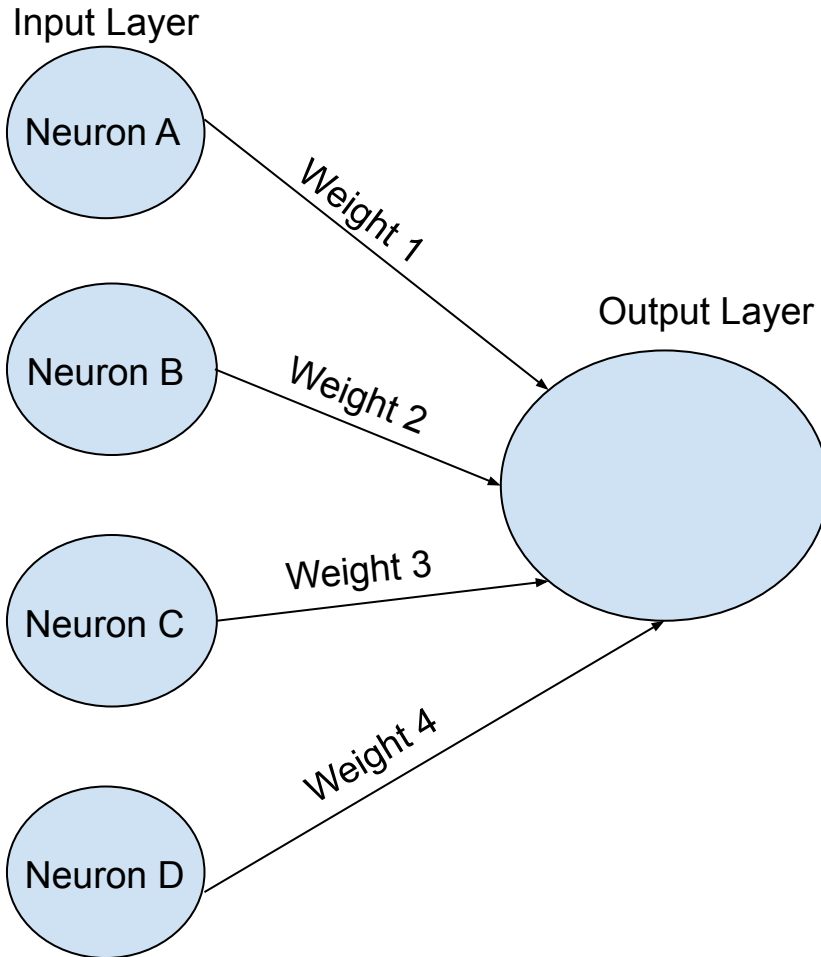
Neuron D

We can neurons connected to layers or some not connected or some connected multiple times.We can have each neuron in one layer is connected to each neuron in the next layer exactly once and this is what's called a fully-connected neural network. This means