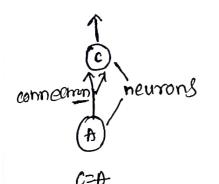
(Neural Networks)

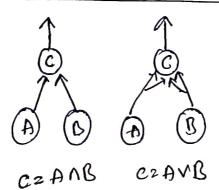
- + At 1ts are, a neural network is inspired by the human brain's structure, with interconnected rodes infinicking neurons. There nodes, also known as artificial neurons, are organized into layers, also inspired from brain where neurons are organized into layers, and organized into layers, and organized into consecutive layers.
- receive short impulses called signals from other neurons, when a neuron receives sufficient number or signals from other neurons within a few milliseconds, it first pts own signals.

Artistolal neuron

Thered on the above understanding, a very first artificial neuron idea was proposed such as,

A neuron receiver mustiple binary inputs each assigned a weight, It the weighted sum arinputs enceed the threshold, then the neuron neuron agres (output-1), eue the neuron remains anative (output-0)





the exprellion can be represented through neuron diagrams idea,