

### MP Neuron

#### Artificial Neuron:

- Takes in a series of inputs  $[x_0 \dots x_n]$ , adds weights  $[\theta_0 \dots \theta_n]$ , applies a function like the sigmoid function and returns the transformed output

#### McCulloch-Pitts Neuron:

- The early model on an artificial neuron is introduced by Warren McCulloch (neuroscientist) and Walter Pitt (logician) in 1943
- The McCulloch-Pitts Neuron is also known as a linear threshold gate

We are going to be applying the 6-jars framework to learn about the MP neuron.