**NATURAL LANGUAGE PROCESSING**

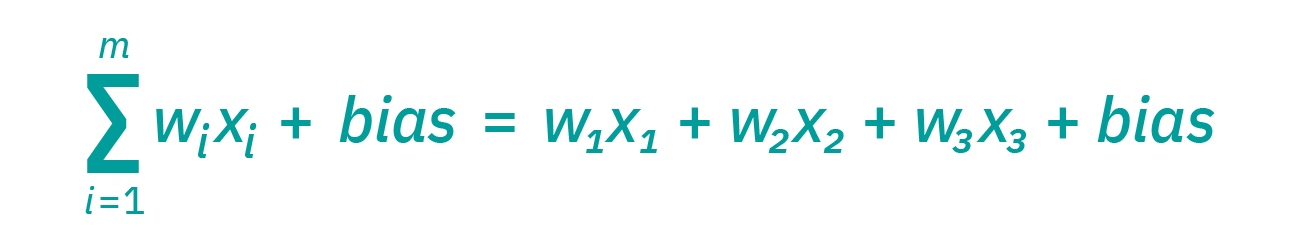
RINSHAN KOLAYIL

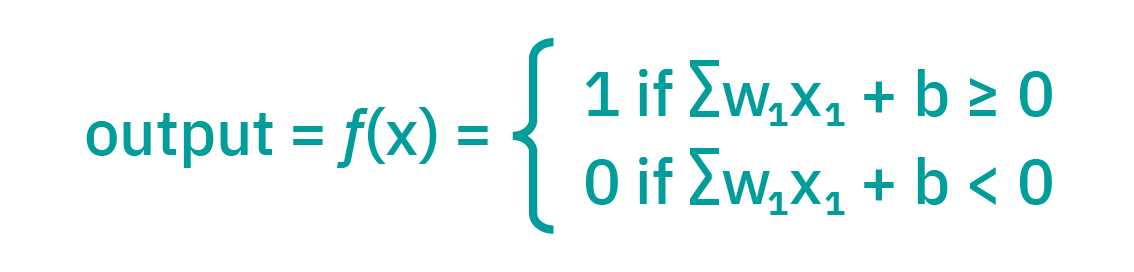
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**INTRODUCTION TO NEURAL NETWORKS**

Neural networks, also known as artificial neural networks inspired from human brain. It consist of input layer, one or more hidden layers and an output layer. Each node or artificial neuron connects one another with weight and bias. If the output of any node is above the threshold, the node is activated and then sending the data to the next layer. Otherwise no data is passed along the next layer of network.





The weights help determine the importance of any given variable with large one contributing more significantly to the output compared to other outputs.

The output layer or decisions depend on the previous layers. Let’s say an example, since yesterday rains heavy you might bring an umbrella today.