

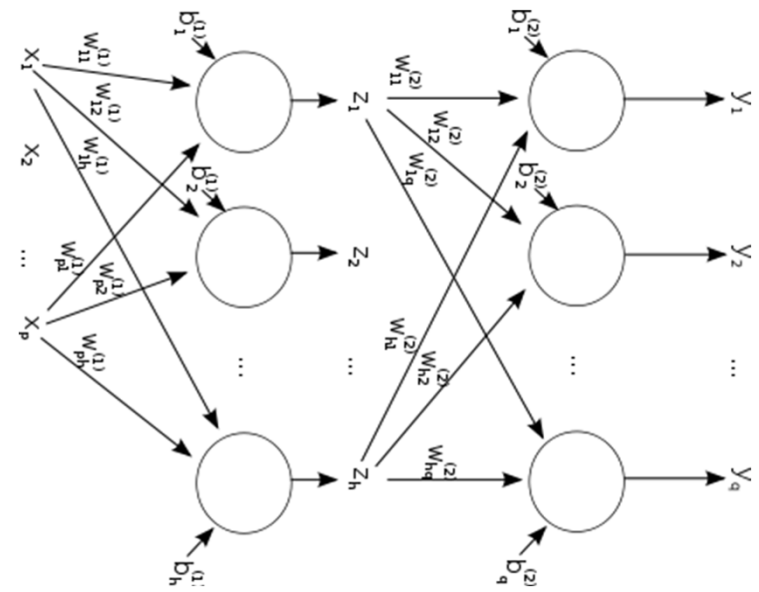
Formação Cientista de Dados

Redes Neurais Artificiais

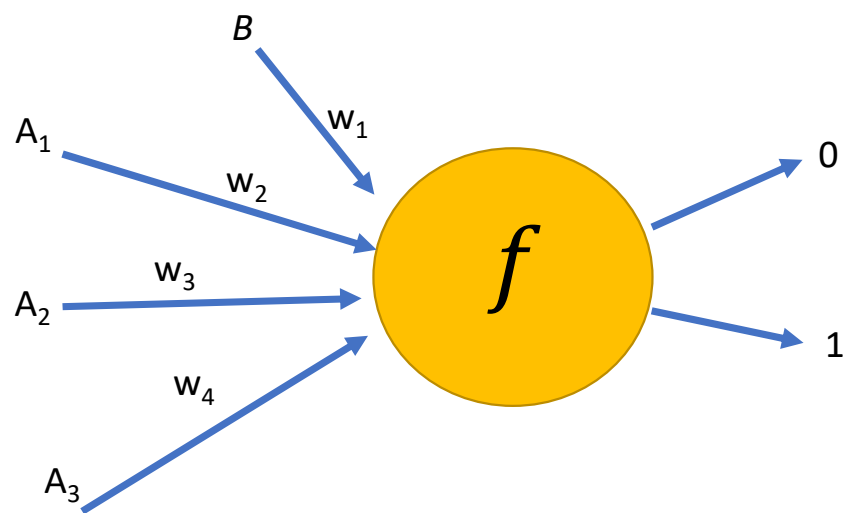


Redes Neurais Artificias

- Simular as redes neurais biológicas no computador



Perceptron



Se $f \geq 0 = 1$
Se $f < 0 = 0$

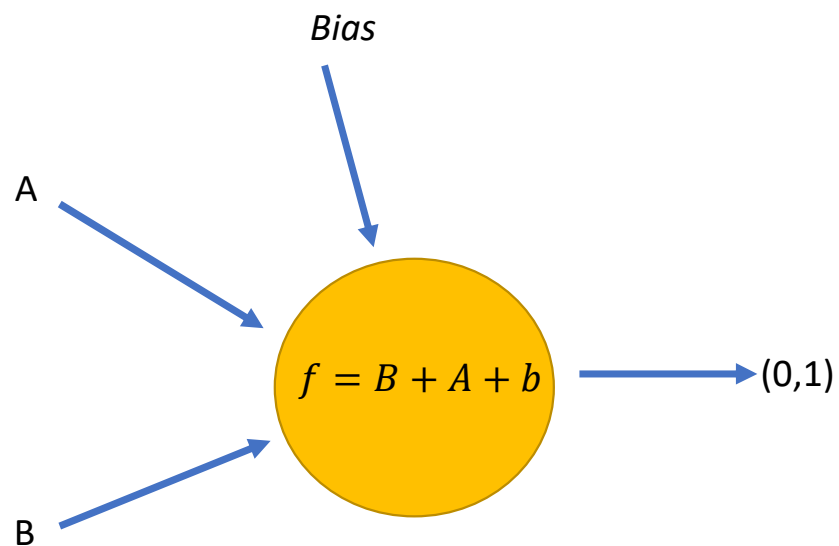
Exemplo

E

A	B	O
1	1	1
1	0	0
0	1	0
0	0	0

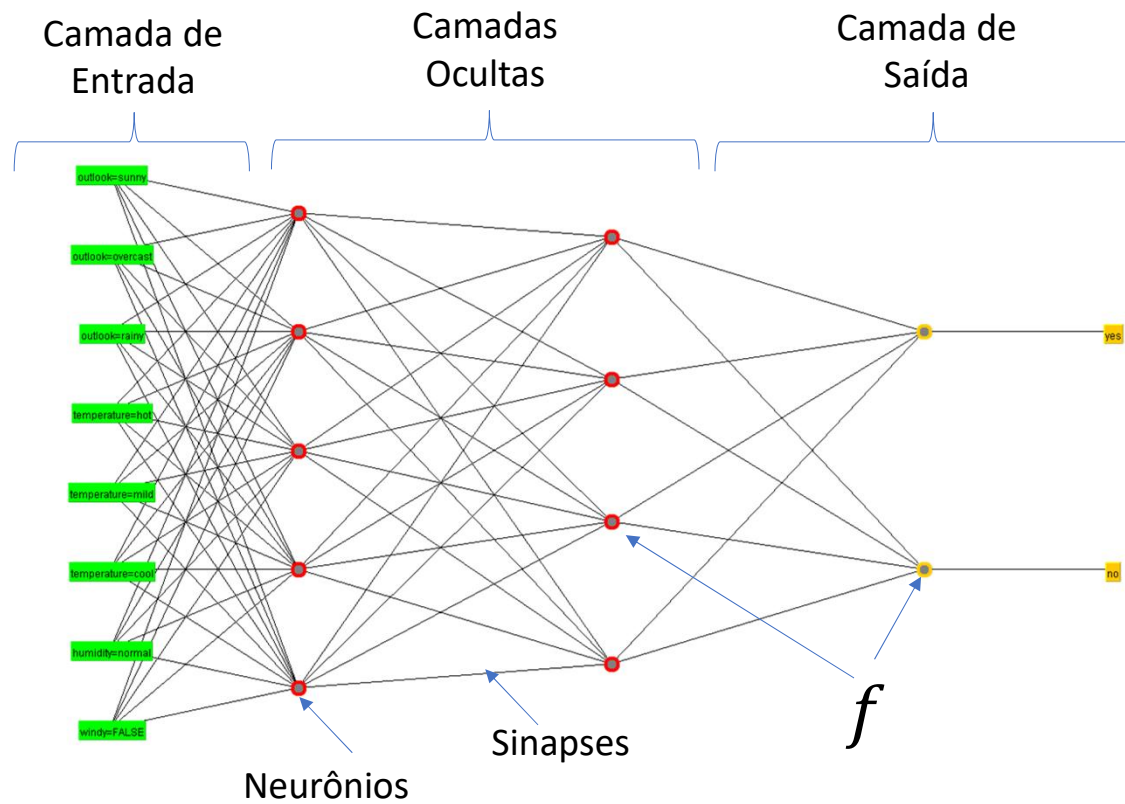
OU

A	B	O
1	1	1
1	0	1
0	1	1
0	0	0



Se $f > 0 = 1$
Se $f \leq 0 = 0$

Multilayer Perceptron



Backpropagation

