

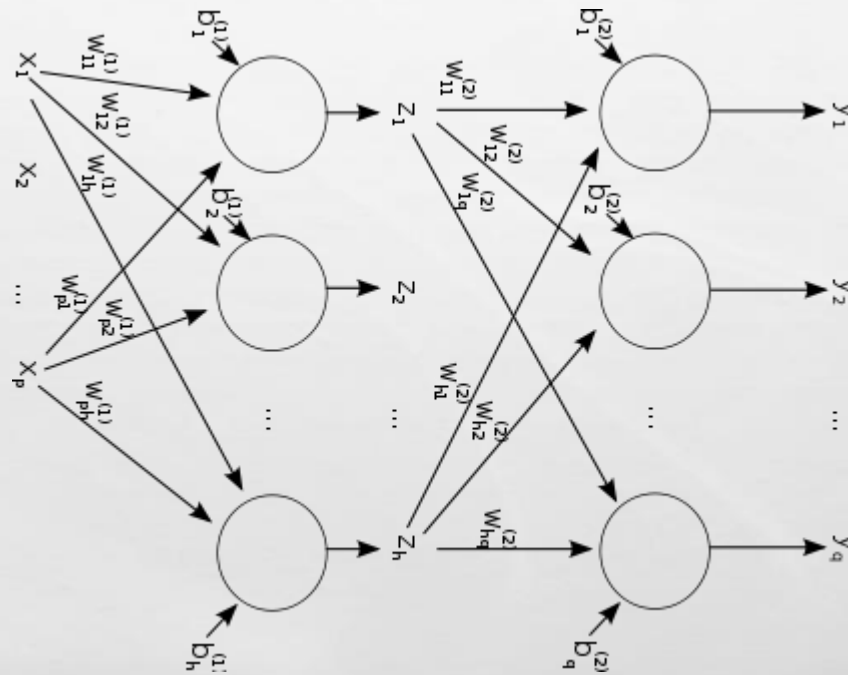
# FORMAÇÃO CIENTISTA DE DADOS

**REDES NEURAIS**



# REDES NEURAIS ARTIFICIAIS

- **SIMULAR AS REDES NEURAIS BIOLÓGICAS NO COMPUTADOR**



# PERCEPTRON



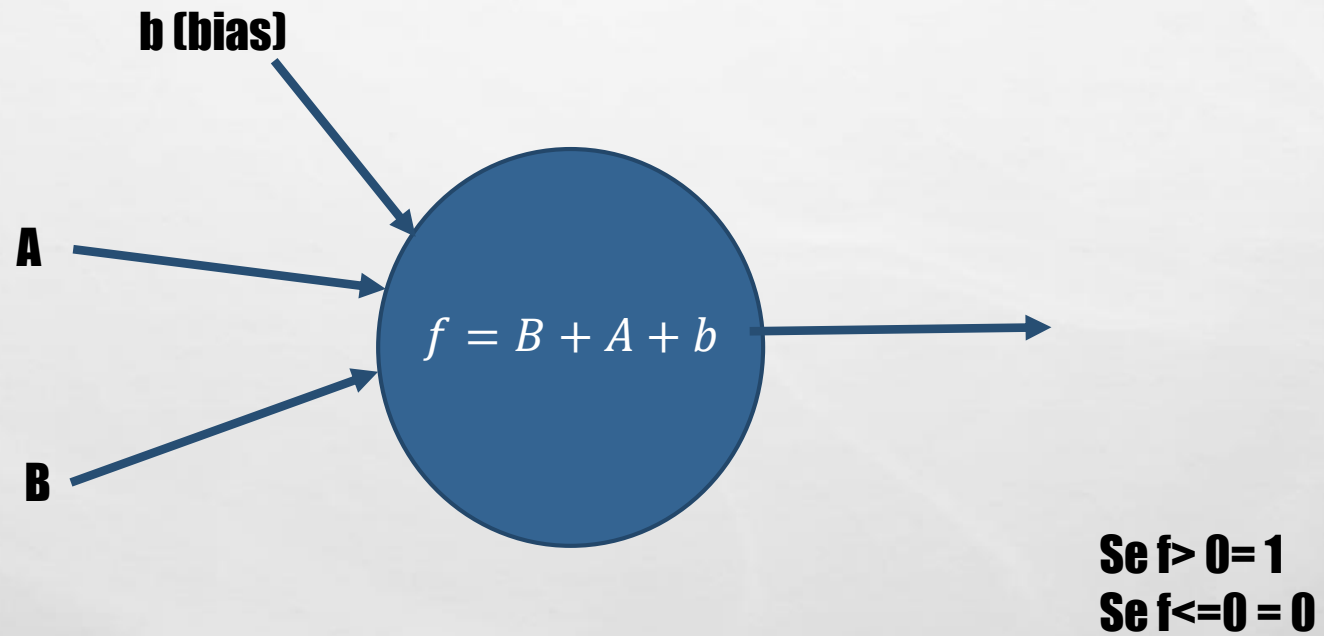
# EXEMPLO

**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

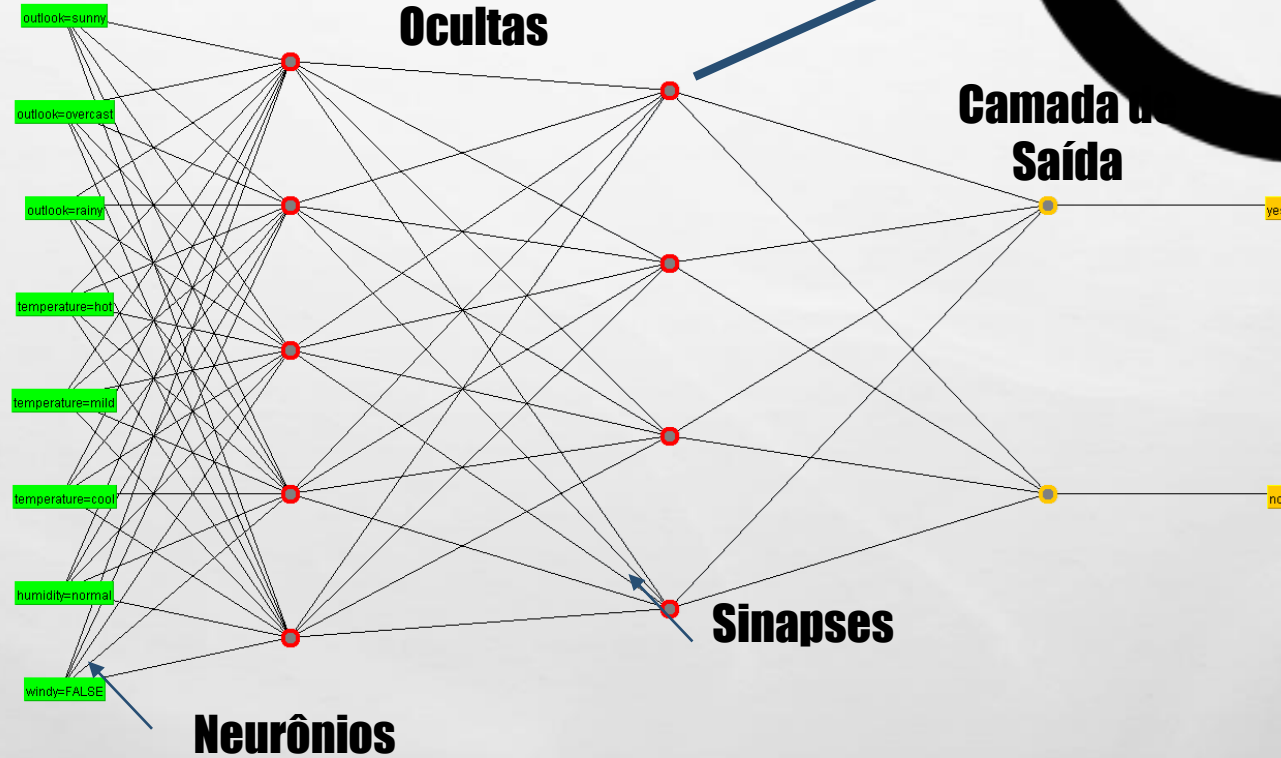


# MULTILAYER PERCEPTRON

**Camada de  
Entrada**

**Camadas  
Ocultas**

**Camada de  
Saída**





# BACKPROPAGATION

