Input layer   Hidden layer   Output layer

Input 1

Input 2

Input 3

Input 4

Input 5

Ouput

Bias
b

x_1 $\longrightarrow$ w_1

Activate
function

Output

Inputs x_2 $\longrightarrow$ w_2 $\longrightarrow$ $\sum$ $\longrightarrow$ $\boxed{f}$ $\longrightarrow$ y

x_3 $\longrightarrow$ w_3

Weights

[height=4]   [count=3, bias=true, title=Input layer, text=x[count=4, bias=false, title=Hidden layer 1, text=$h^{(1)}$[count=3, bias=false, title=Hidden layer 2, text=$h^{(2)}$[count=2, title=Output layer, text=$\hat{y}$