

Multi-Layer Perceptron (MLP)

☒ Hide Answers

v1

Input Layer

X1	X2
2	-1
1	1
2	1
1	2

Hidden Layer 1

W1	b1				
1	0	-1	1	1	→
0	1	1	0	1	→
1	-1	0	0	0	→

1	1	↓	↓	ReLU	

Hidden Layer 2

W2	b2				
0	-1	2	1		→
-1	1	0	2		→
0	1	1	1		→
-1	0	0	3		→

1	1	↓	↓	ReLU	

Hidden Layer 3

W3	b3				
0	-1	-1	2	5	→
-1	1	1	0	2	→
-1	0	1	0	3	→

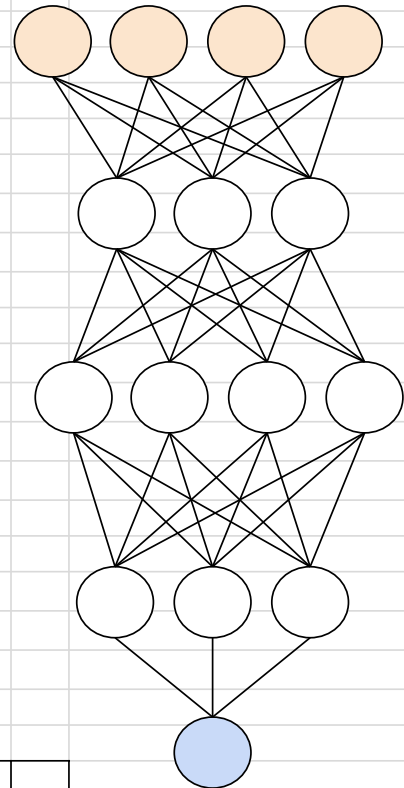
1	1	↓	↓	ReLU	

Output Layer

W4	b4				
-1	1	-1	-2		→

1	1	↓	↓	σ	

Y1 Y2



AI by Hand

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