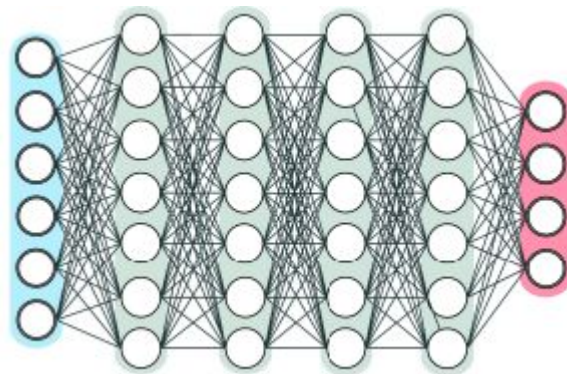
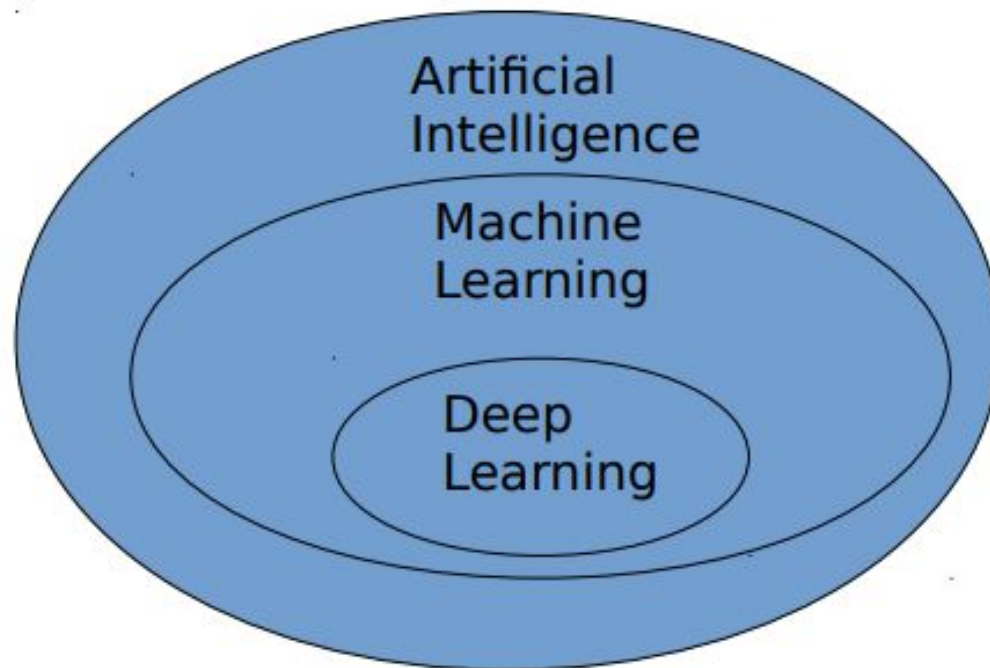


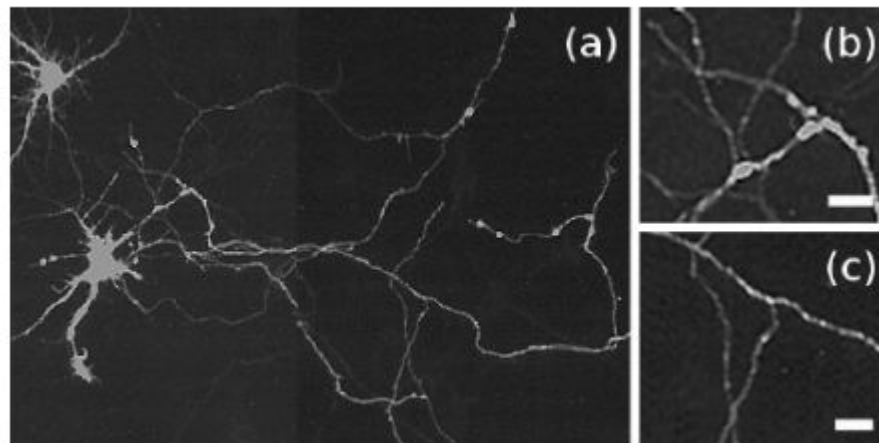
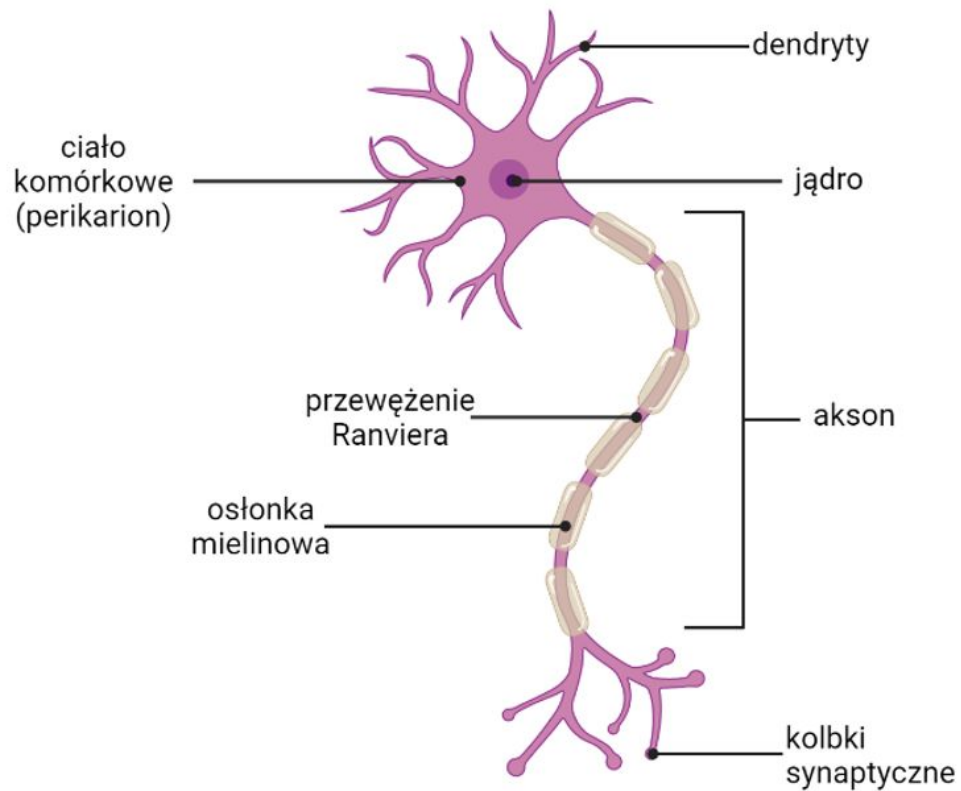


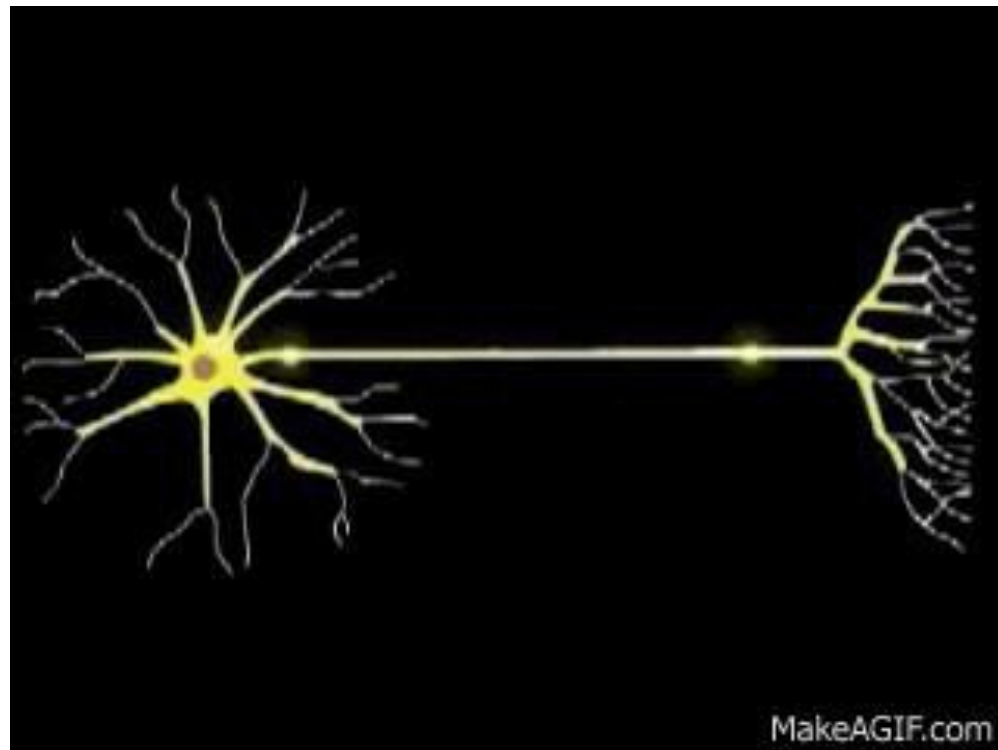
Czy przemysł nadąża za AI?

Głębokie sieci neuronowe



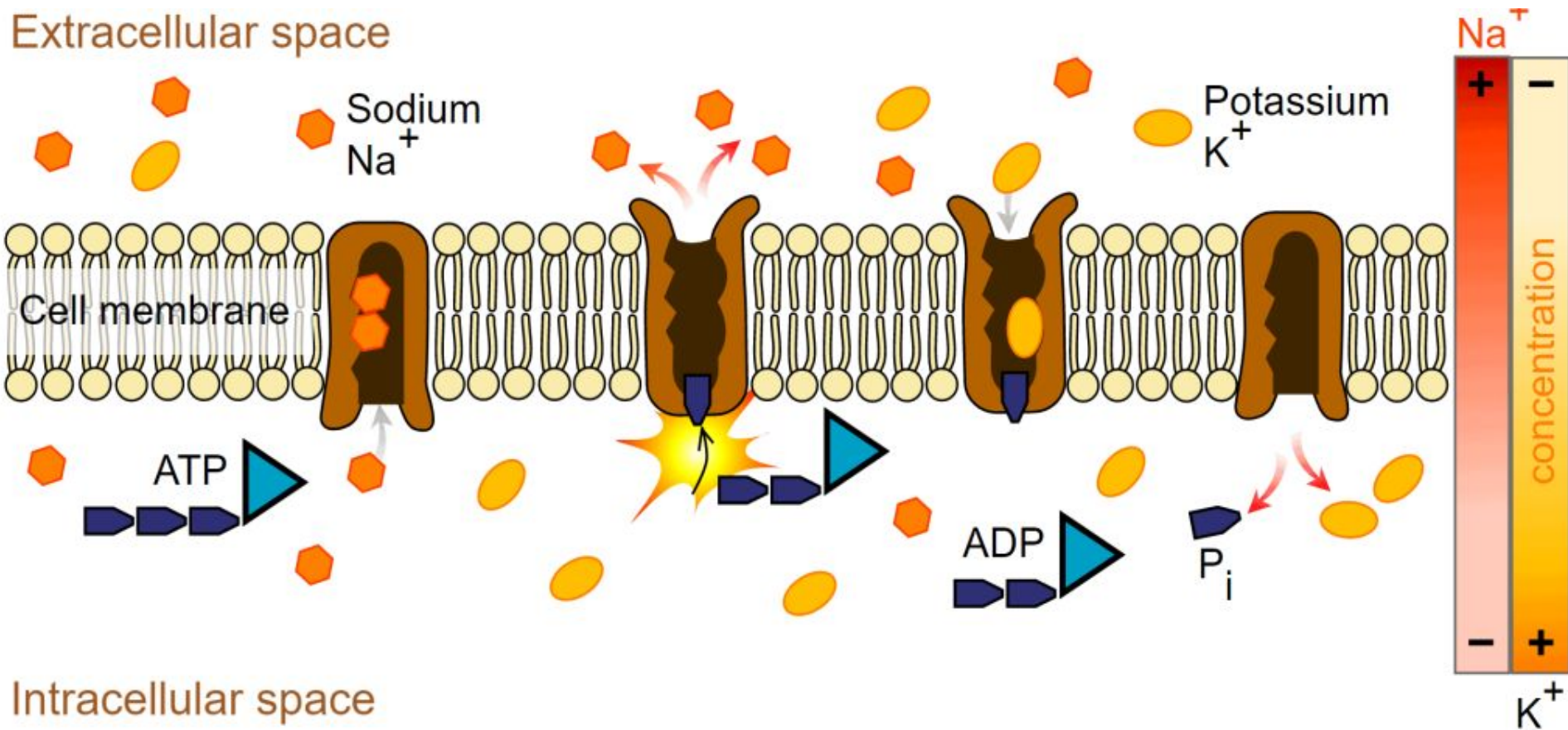


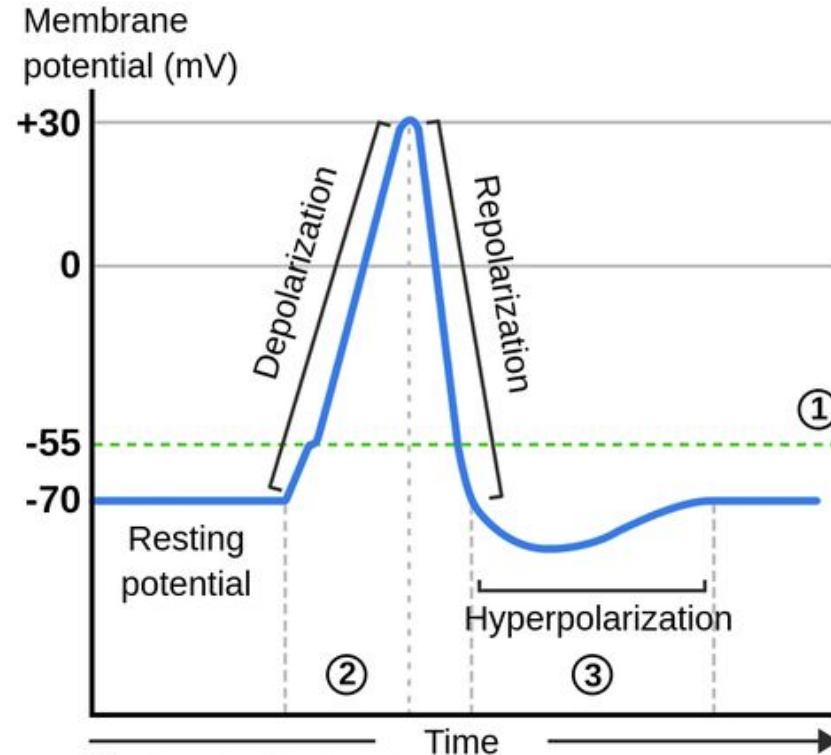






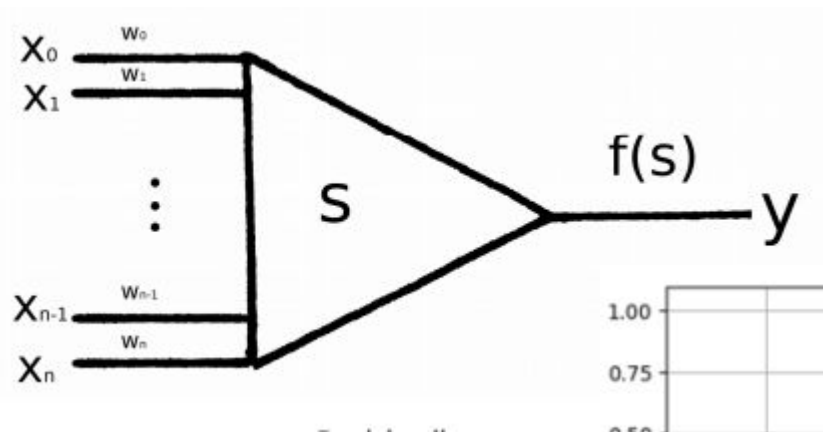
Extracellular space



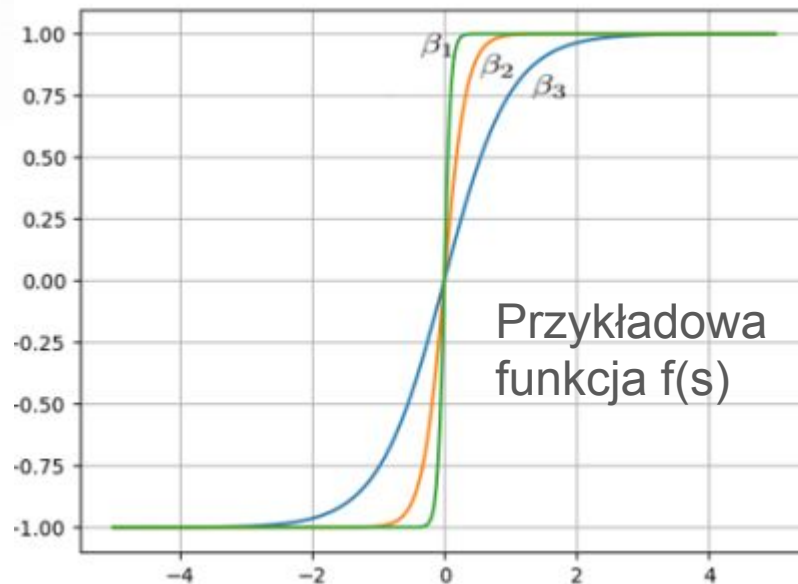


- ① Threshold of excitation
- ② Intracellular Na^+ Increases
- ③ Extracellular K^+ increases





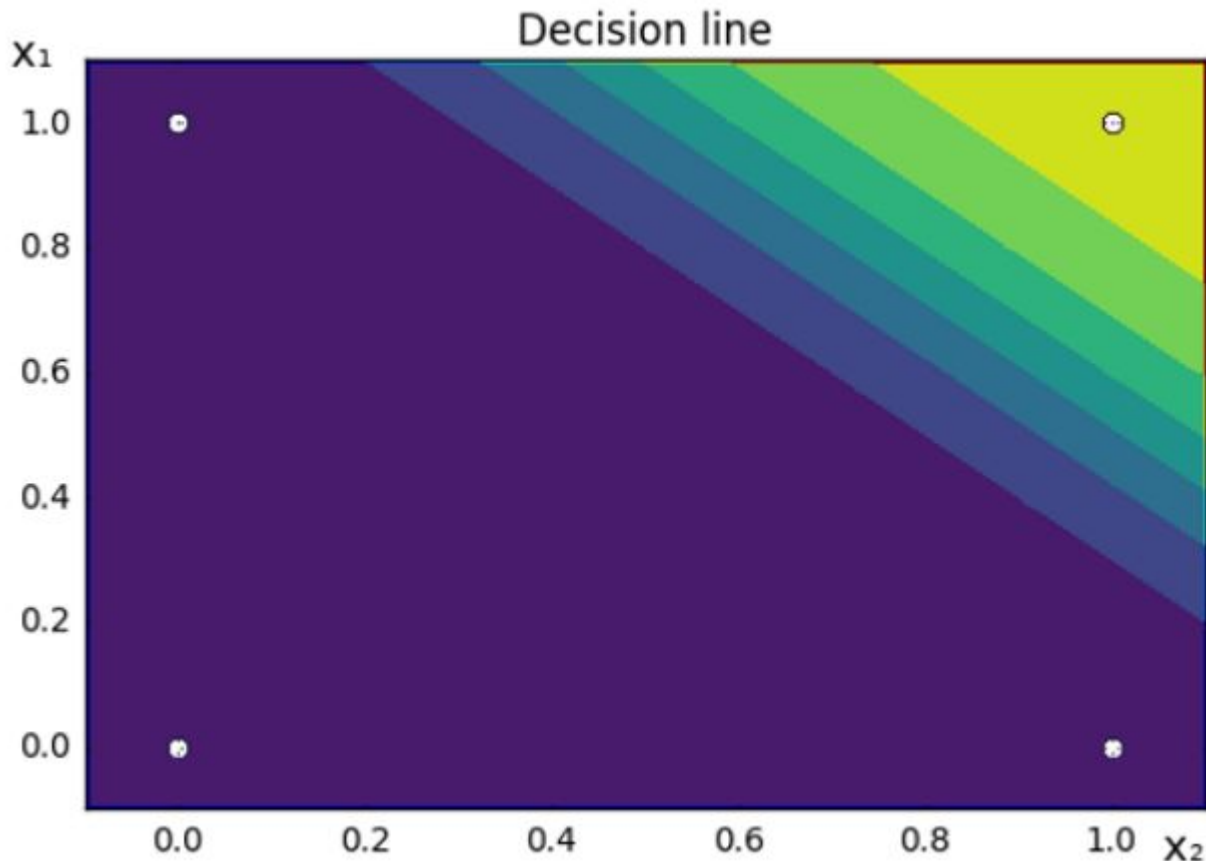
$$y = f(s) = f\left(\sum_{i=0}^N w_i x_i\right)$$





AND gate

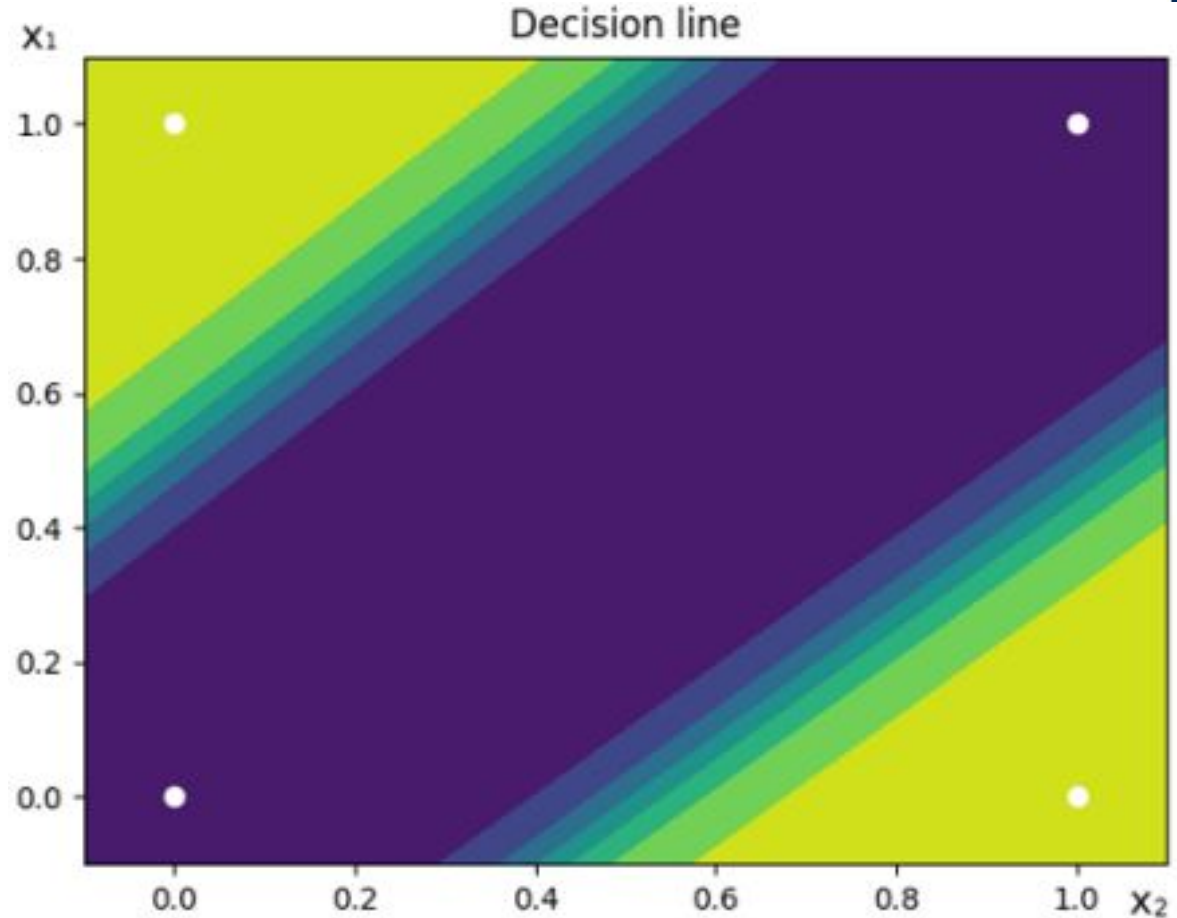
Input A	Input B	Output
0	0	0
1	0	0
0	1	0
1	1	1

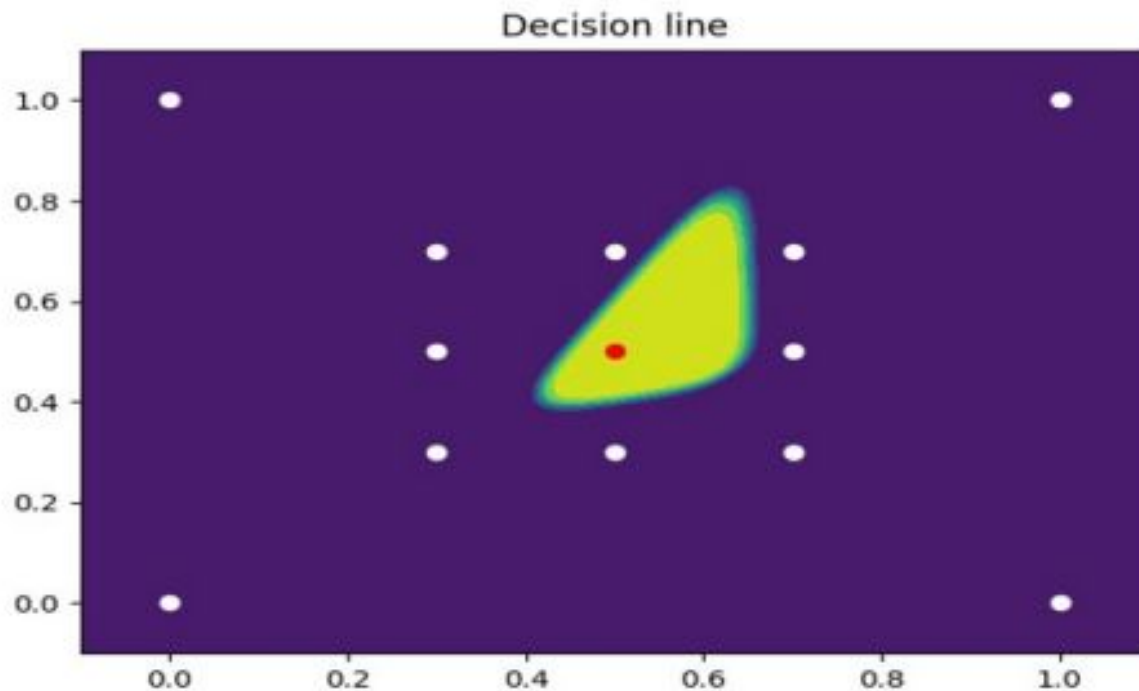
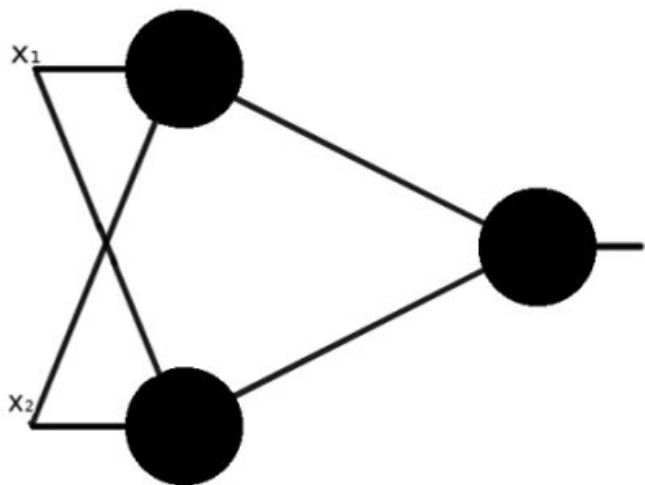


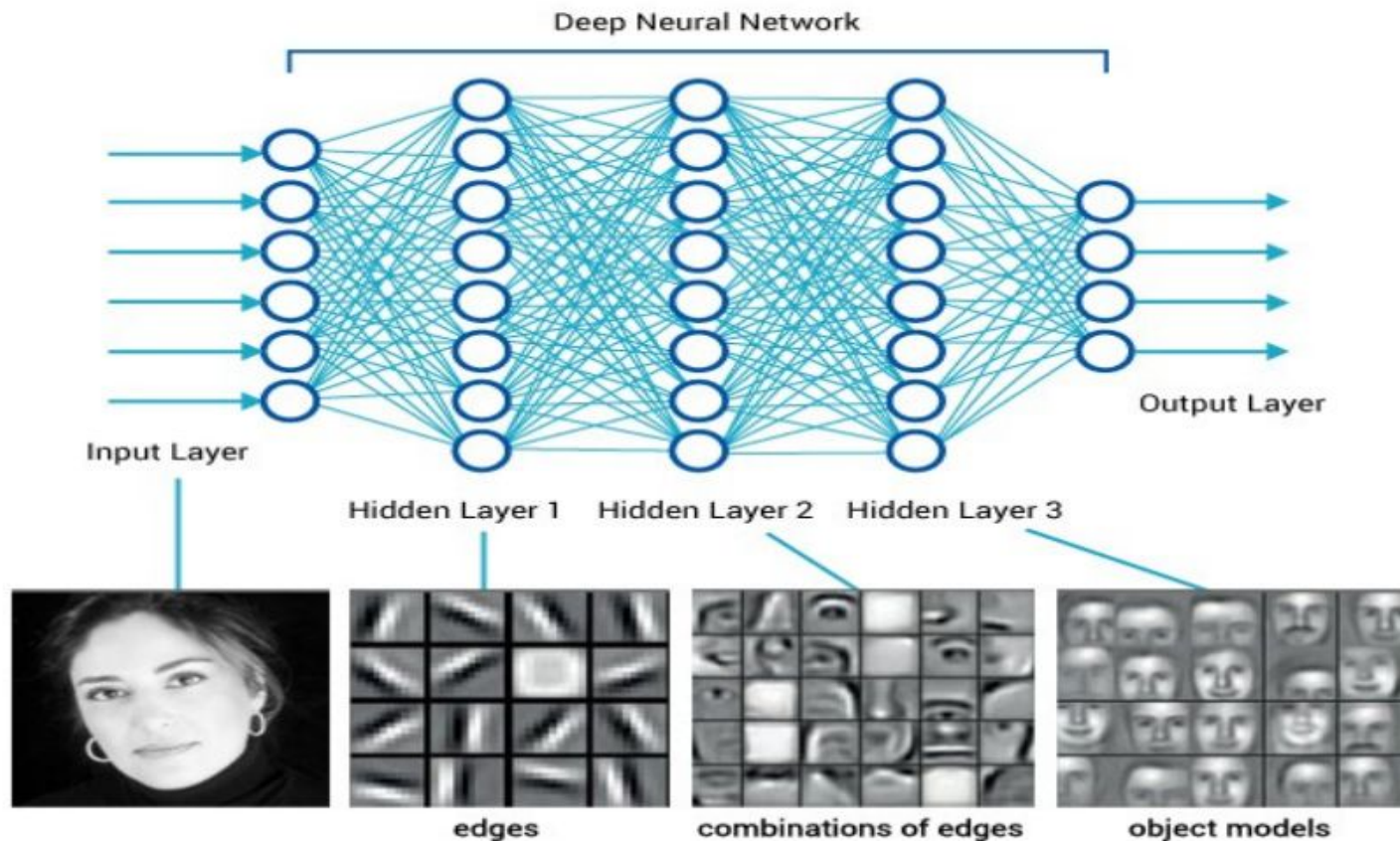


EX-OR gate

Input A	Input B	Output
0	0	0
1	0	1
0	1	1
1	1	0







- Klasyfikatory
- Autoenkodery
- GAN (Generatywna sieć przeciwwstawna)
- Sieci rekurencyjne
- Sieci konwolucyjne
- Modele językowe



- Medycyna (Obrazowanie, diagnostyka)
- Przemysł ()
- Nauka
- Edukacja
- Życie codzienne (Internet of Things,)





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Dziękuję za uwagę

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