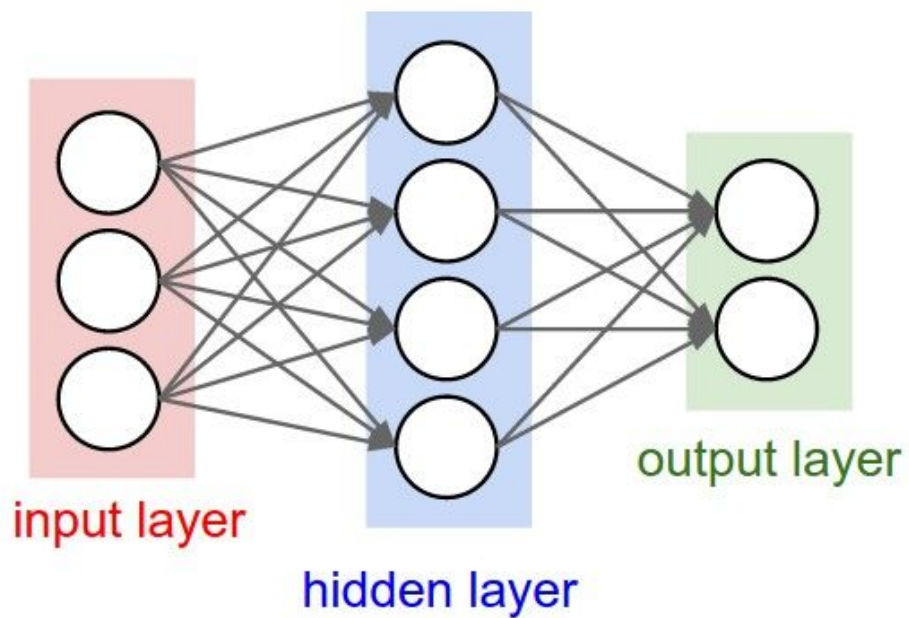


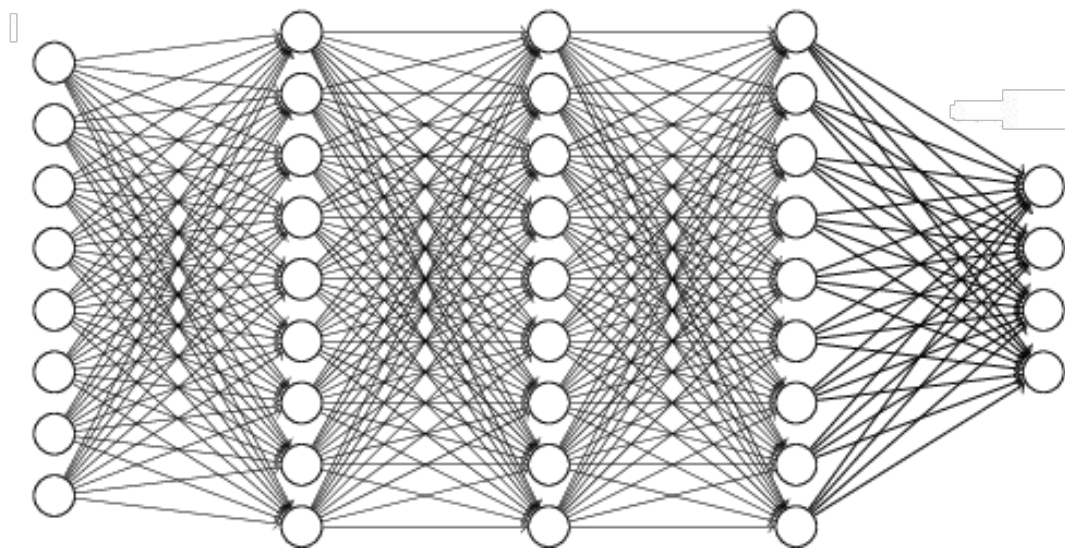
Deep Learning

Типы нейросетей

Нейросеть



Нейросеть



A mostly complete chart of Neural Networks

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Backfed Input Cell

Input Cell

Noisy Input Cell

Hidden Cell

Probabilistic Hidden Cell

Spiking Hidden Cell

Output Cell

Match Input Output Cell

Recurrent Cell

Memory Cell

Different Memory Cell

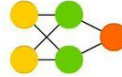
Kernel

Convolution or Pool

Perceptron (P)



Feed Forward (FF)



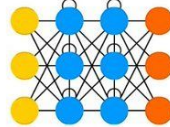
Radial Basis Network (RBF)



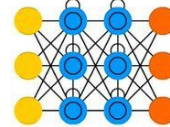
Deep Feed Forward (DFF)



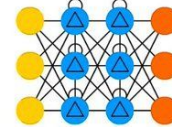
Recurrent Neural Network (RNN)



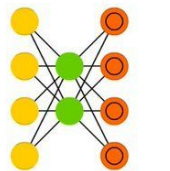
Long / Short Term Memory (LSTM)



Gated Recurrent Unit (GRU)



Auto Encoder (AE)



Variational AE (VAE)



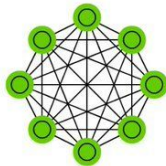
Denosing AE (DAE)



Sparse AE (SAE)



Markov Chain (MC)



Hopfield Network (HN)



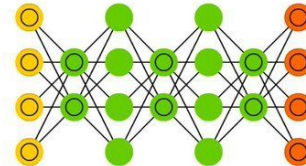
Boltzmann Machine (BM)

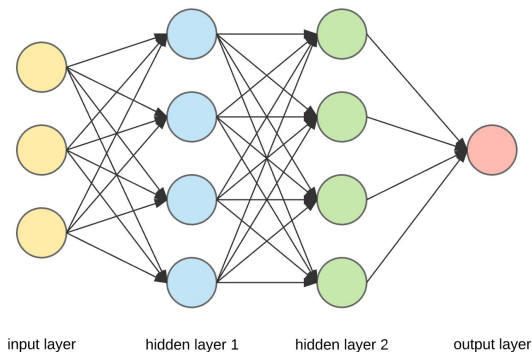


Restricted BM (RBM)

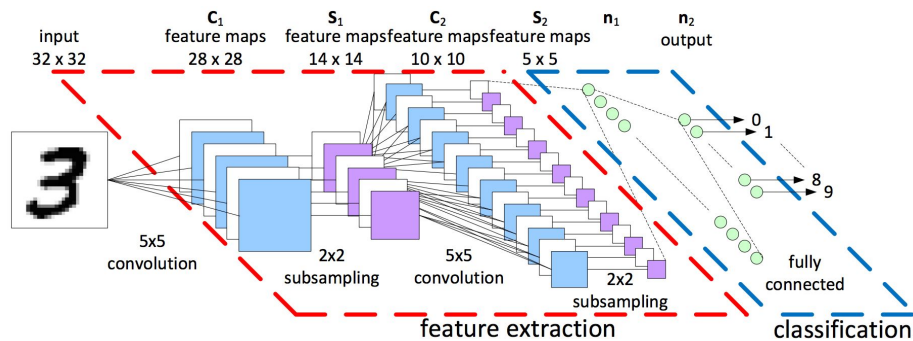


Deep Belief Network (DBN)

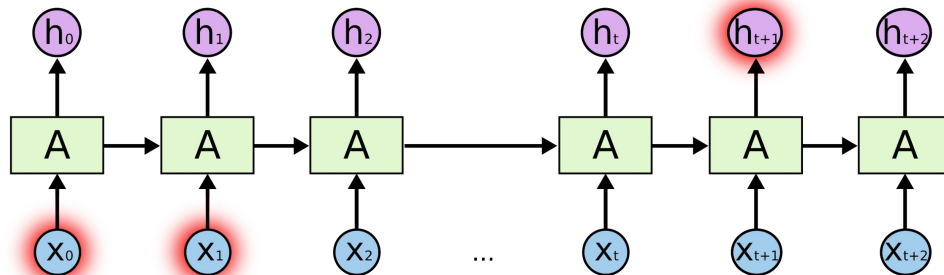




Dense =
Fully Connected =
Multi Layered Perceptron



Convolutional Neural Networks



Recurrent Neural Networks