



Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell



Kernel

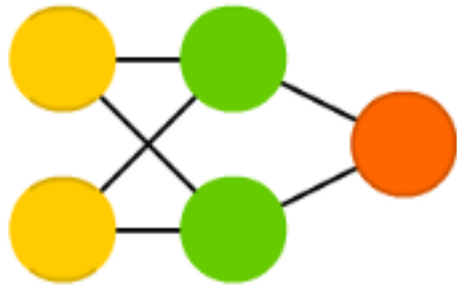


Convolution or Pool

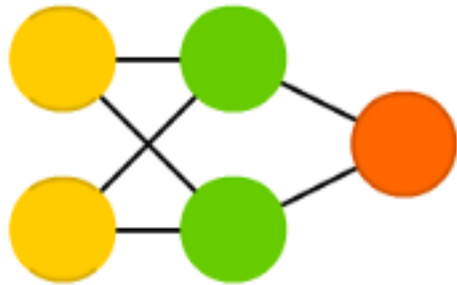
Perceptron (P)



Feed Forward (FF)



Radial Basis Network (RBF)





Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell

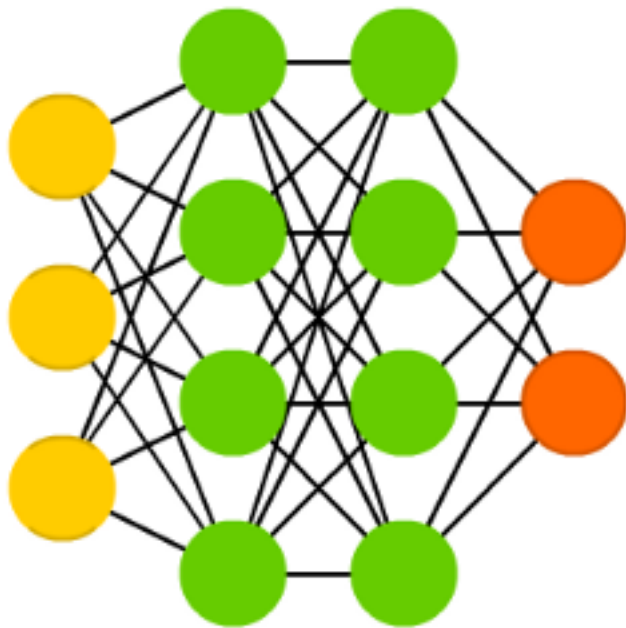


Kernel



Convolution or Pool

Deep Feed Forward (DFF)





Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell

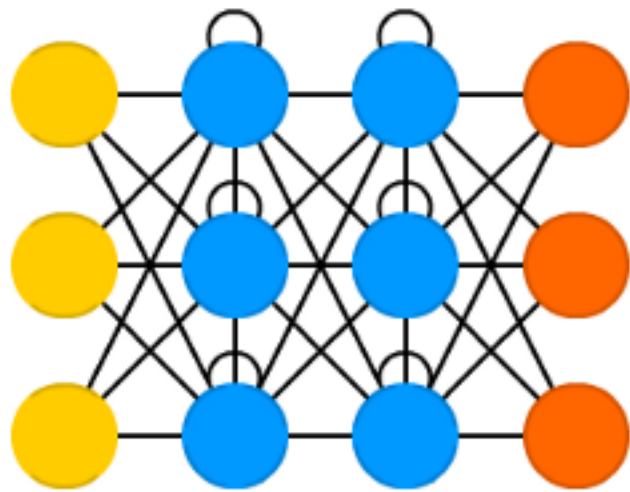


Kernel

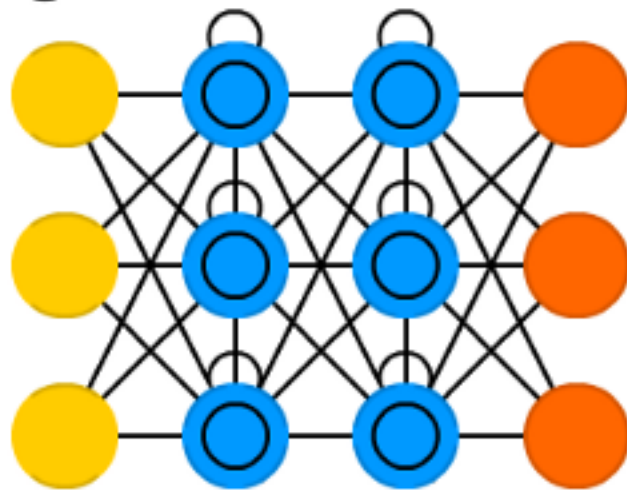


Convolution or Pool

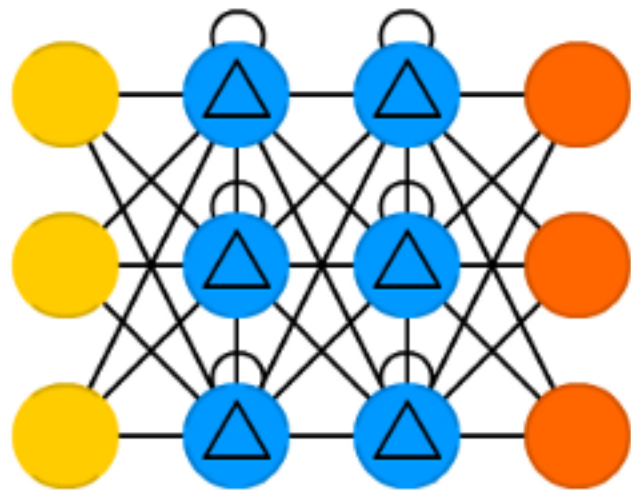
Recurrent Neural Network (RNN)



Long / Short Term Memory (LSTM)



Gated Recurrent Unit (GRU)





Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell

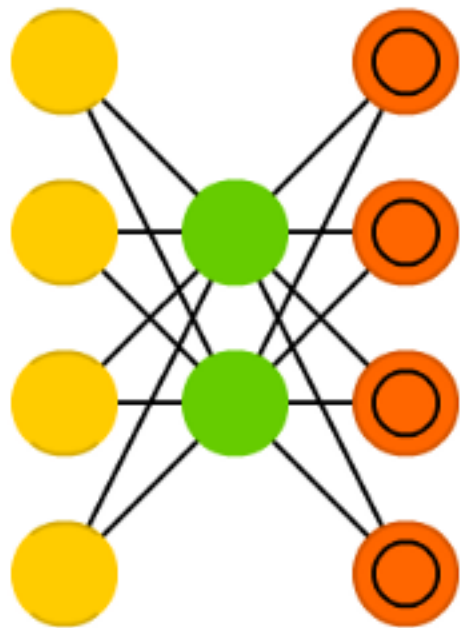


Kernel

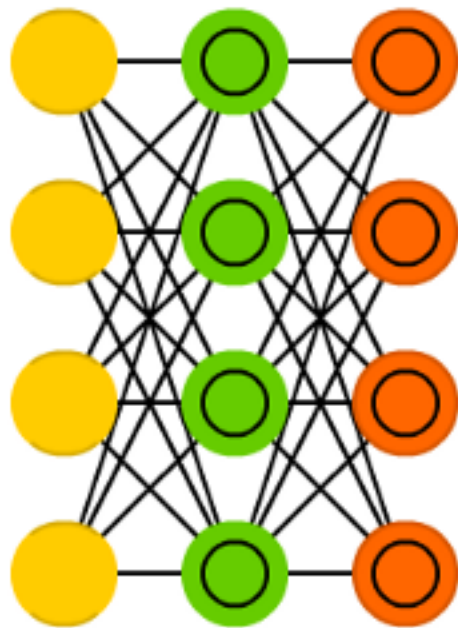


Convolution or Pool

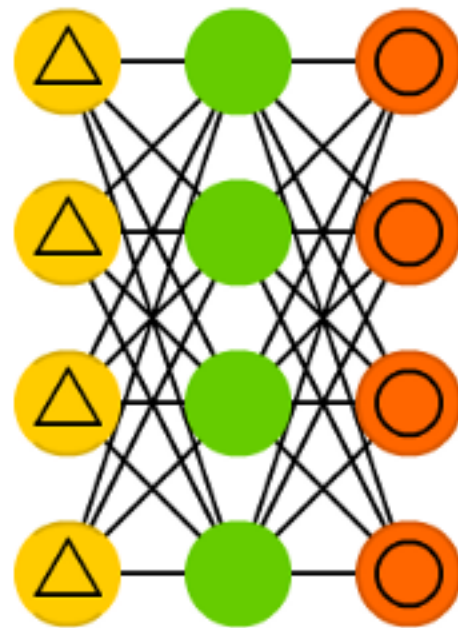
Auto Encoder (AE)



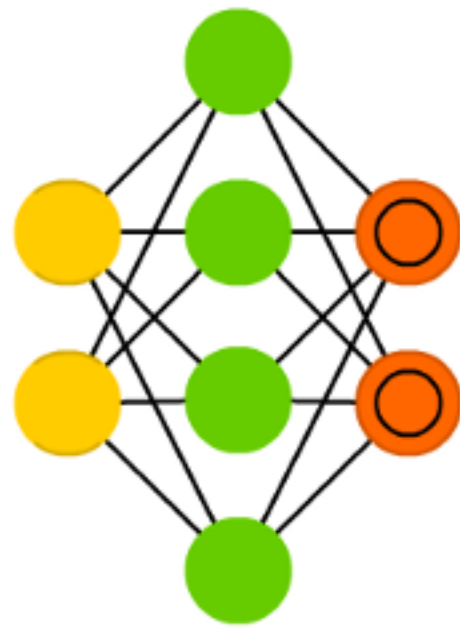
Variational AE (VAE)



Denoising AE (DAE)



Sparse AE (SAE)





Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell

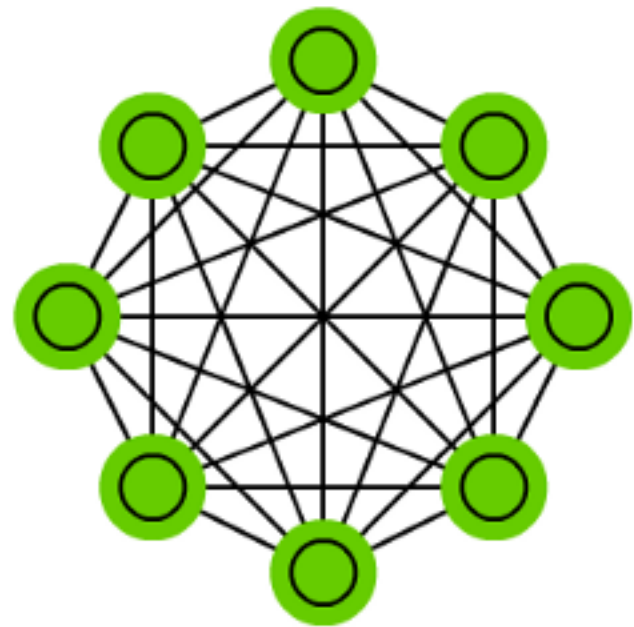


Kernel

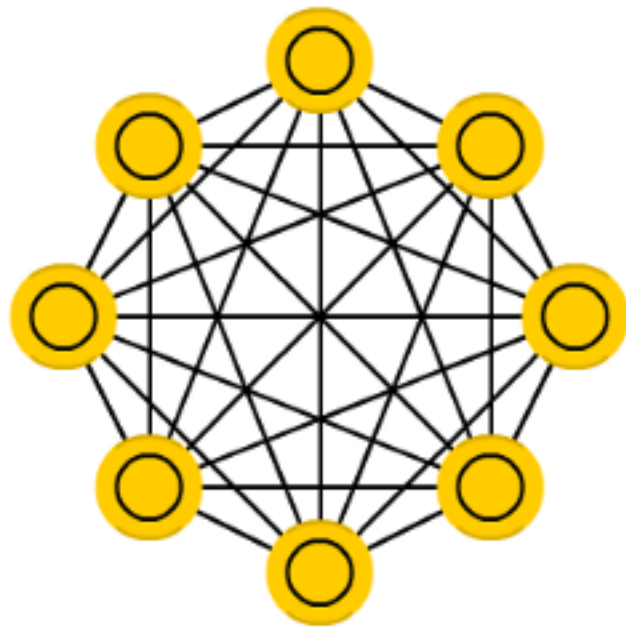


Convolution or Pool

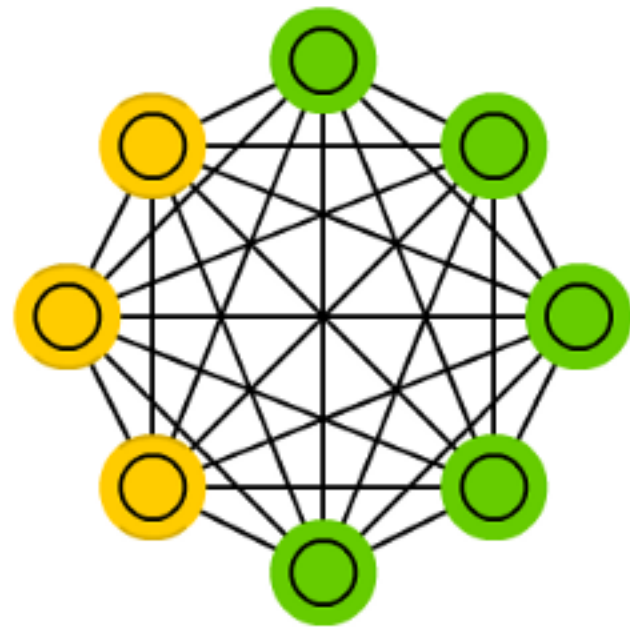
Markov Chain (MC)
















Hopfield Network (HN)

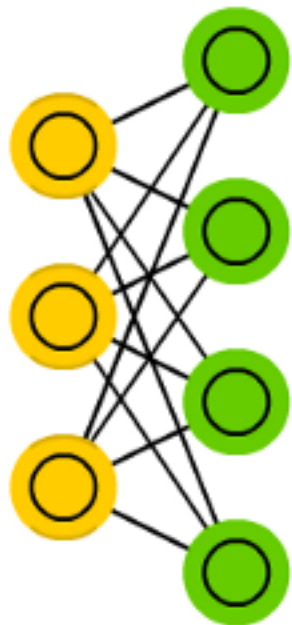


Boltzmann Machine (BM)

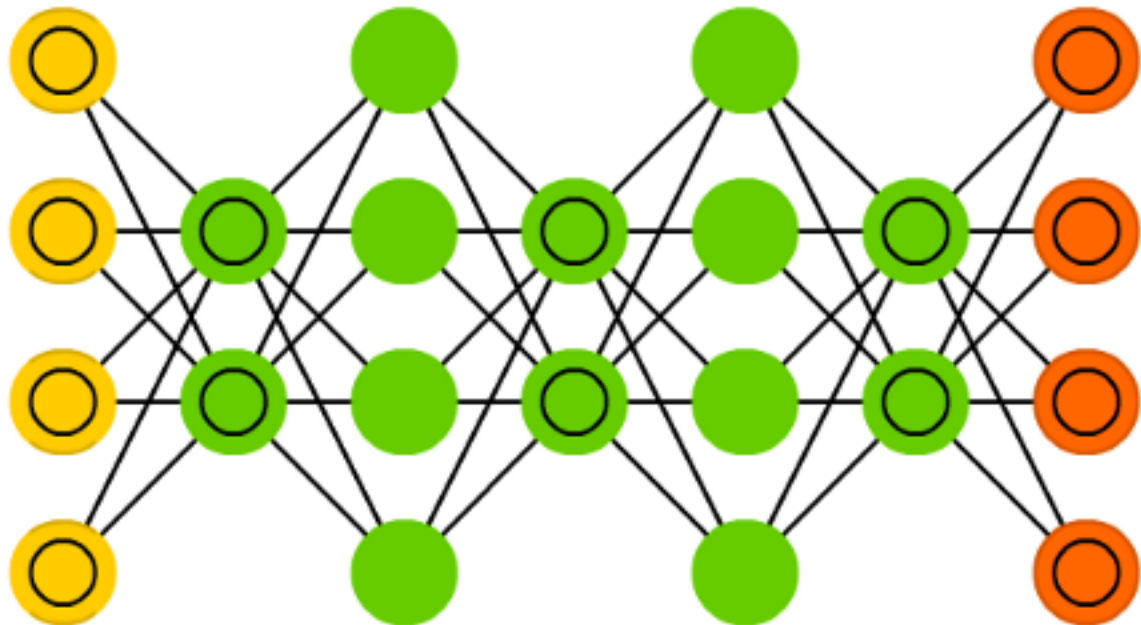


-  Backfed Input Cell
-  Input Cell
-  Noisy Input Cell
-  Hidden Cell
-  Probablistic Hidden Cell
-  Spiking Hidden Cell
-  Output Cell
-  Match Input Output Cell
-  Recurrent Cell
-  Memory Cell
-  Different Memory Cell
-  Kernel
-  Convolution or Pool

Restricted BM (RBM)



Deep Belief Network (DBN)





Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell

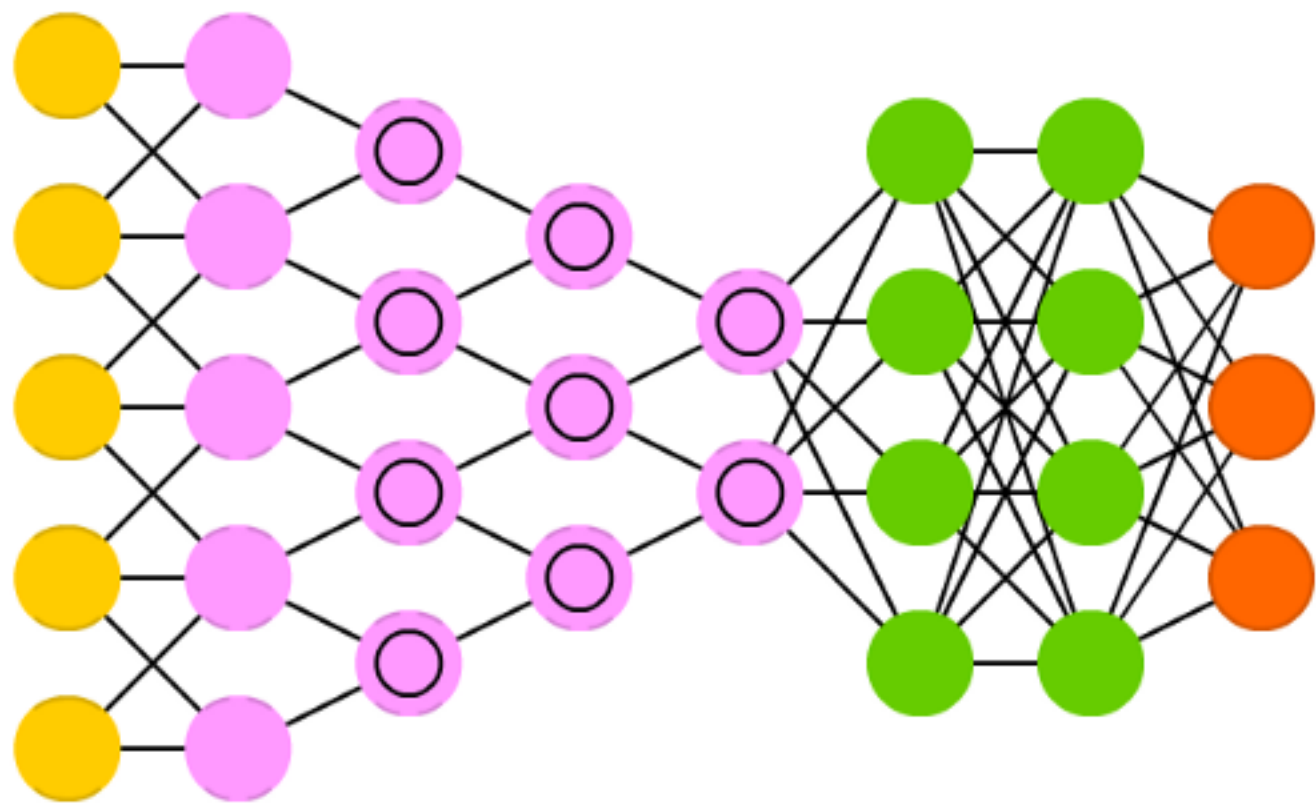


Kernel

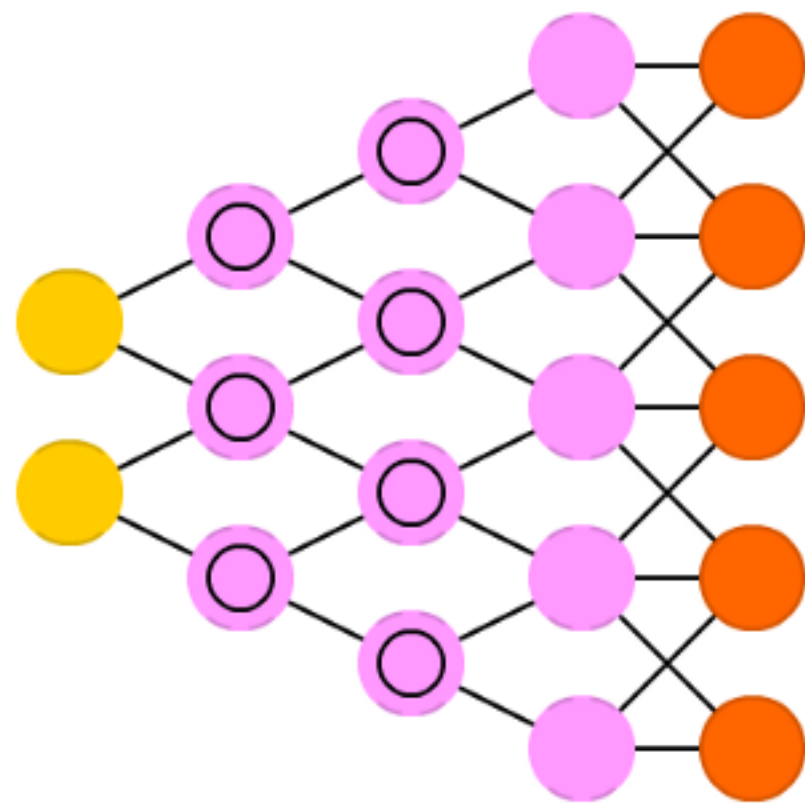


Convolution or Pool

Deep Convolutional Network (DCN)



Deconvolutional Network (DN)





Backfed Input Cell



Input Cell



Noisy Input Cell



Hidden Cell



Probablistic Hidden Cell



Spiking Hidden Cell



Output Cell



Match Input Output Cell



Recurrent Cell



Memory Cell



Different Memory Cell

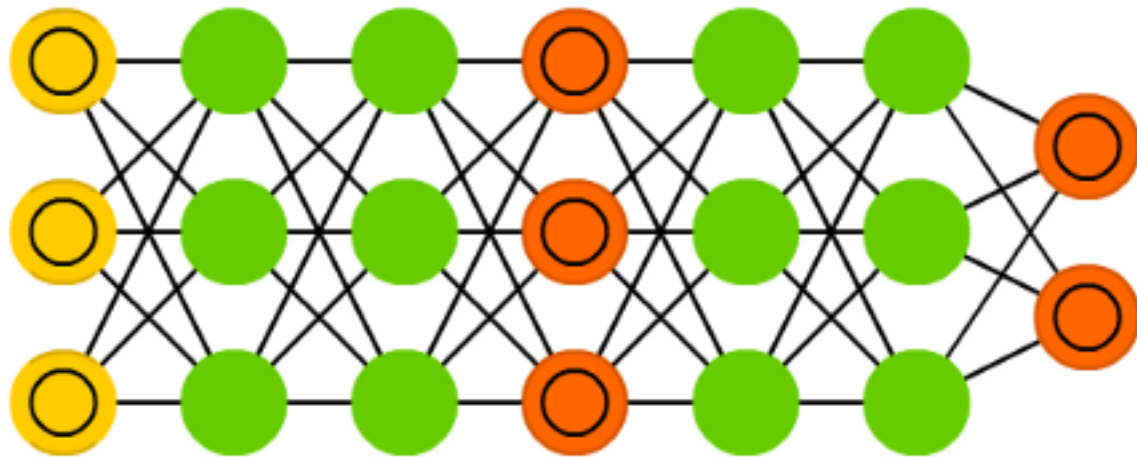


Kernel



Convolution or Pool

Generative Adversarial Network (GAN)



Deep Residual Network (DRN)

