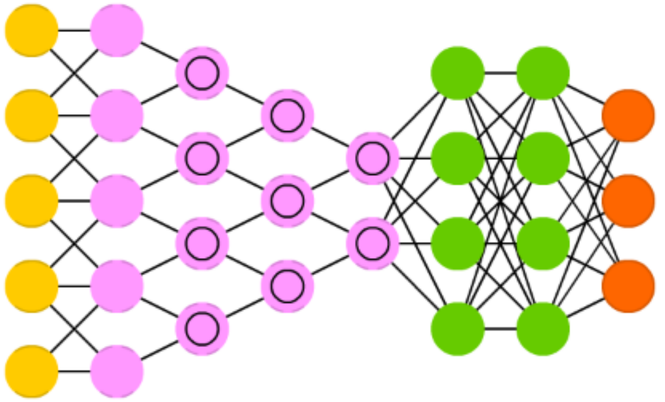
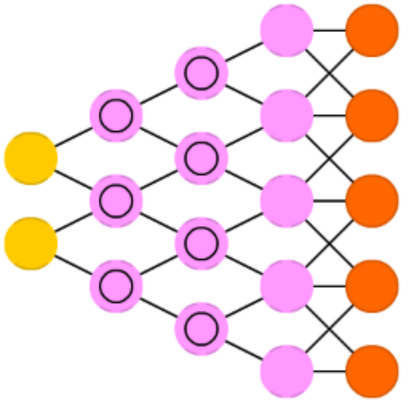
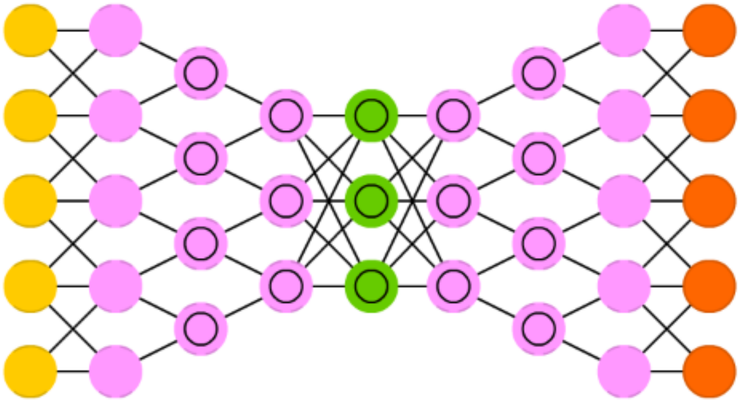
Deep Convolutional Network (DCN)



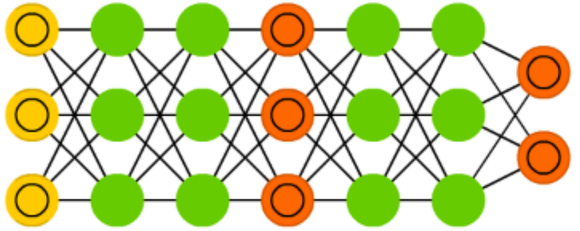
Deconvolutional Network (DN)



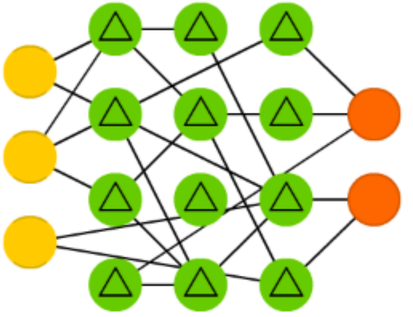
Deep Convolutional Inverse Graphics Network (DCIGN)



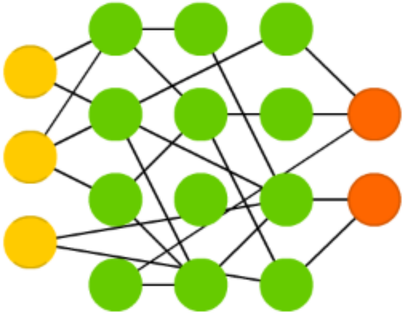
Generative Adversarial Network (GAN)



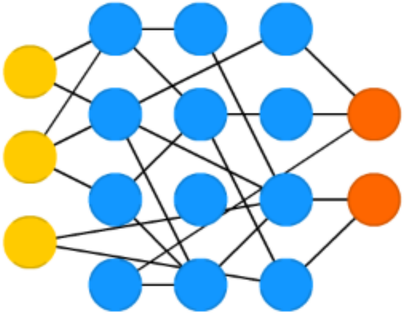
Liquid State Machine (LSM)



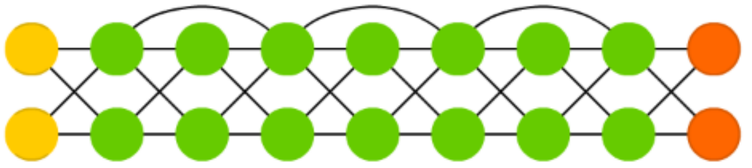
Extreme Learning Machine (ELM)



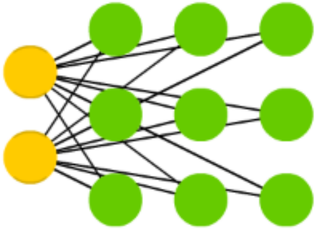
Echo State Network (ESN)



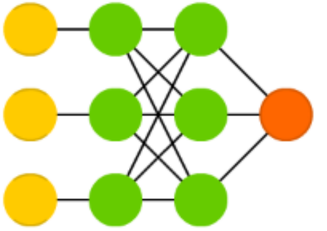
Deep Residual Network (DRN)



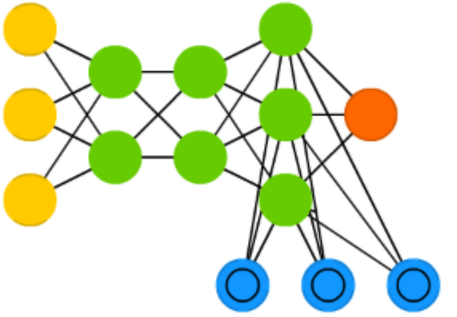
Kohonen Network (KN)



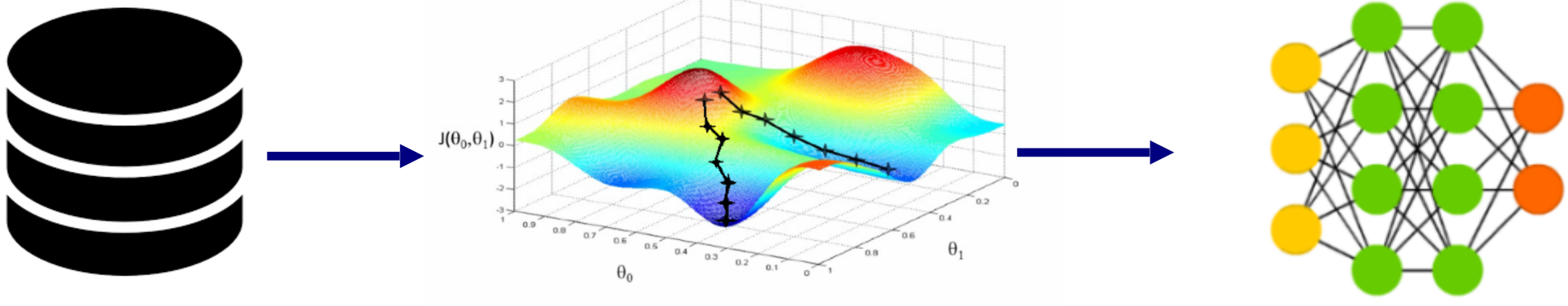
Support Vector Machine (SVM)



Neural Turing Machine (NTM)



Stochastic Gradient Descent (SGD)



Dataset D

Trained Model

Repeat ..

Select a random subset (batch) from D → Compute gradients $\nabla L(\theta)$ on the batch → Update $\theta' = \theta - \eta * \nabla L(\theta)$

.. until model convergence (i.e., many epochs)