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NEURAL NETWORK ZOO

Nikola Živković

RUBIK'S CODE
BUILDING SMART APPS

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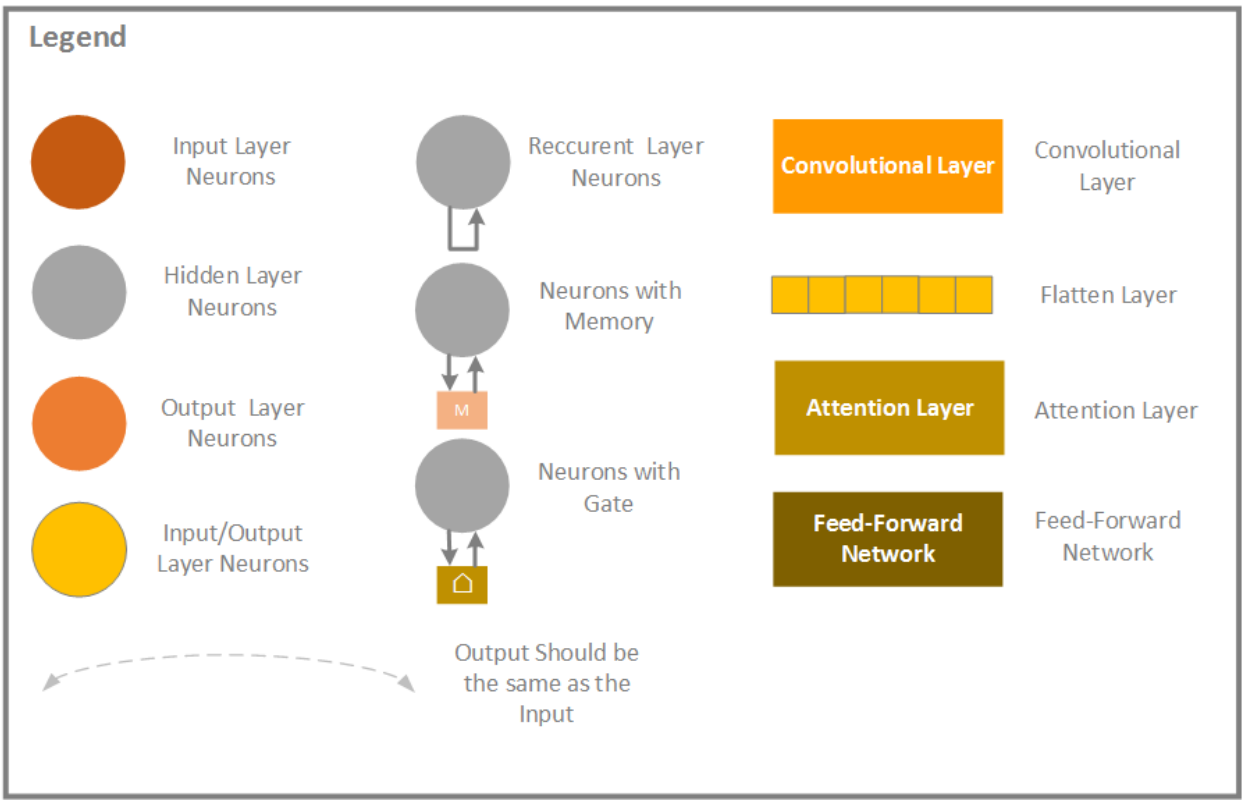
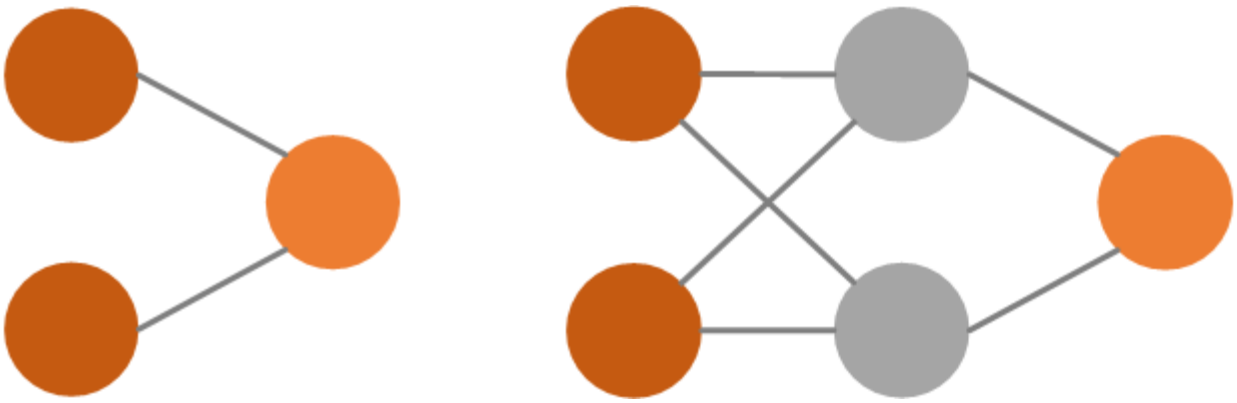
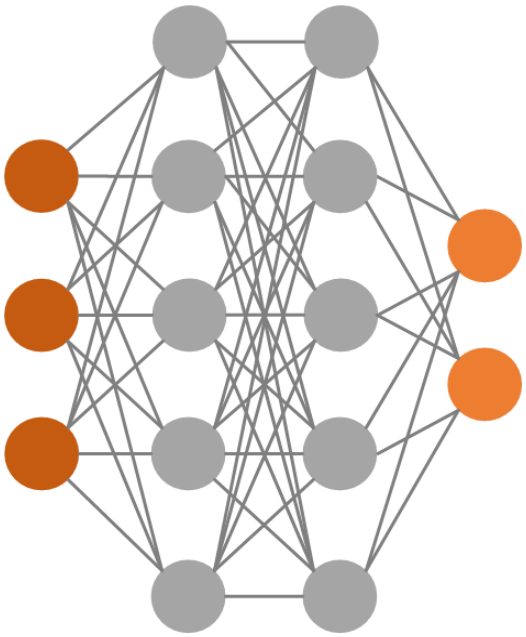


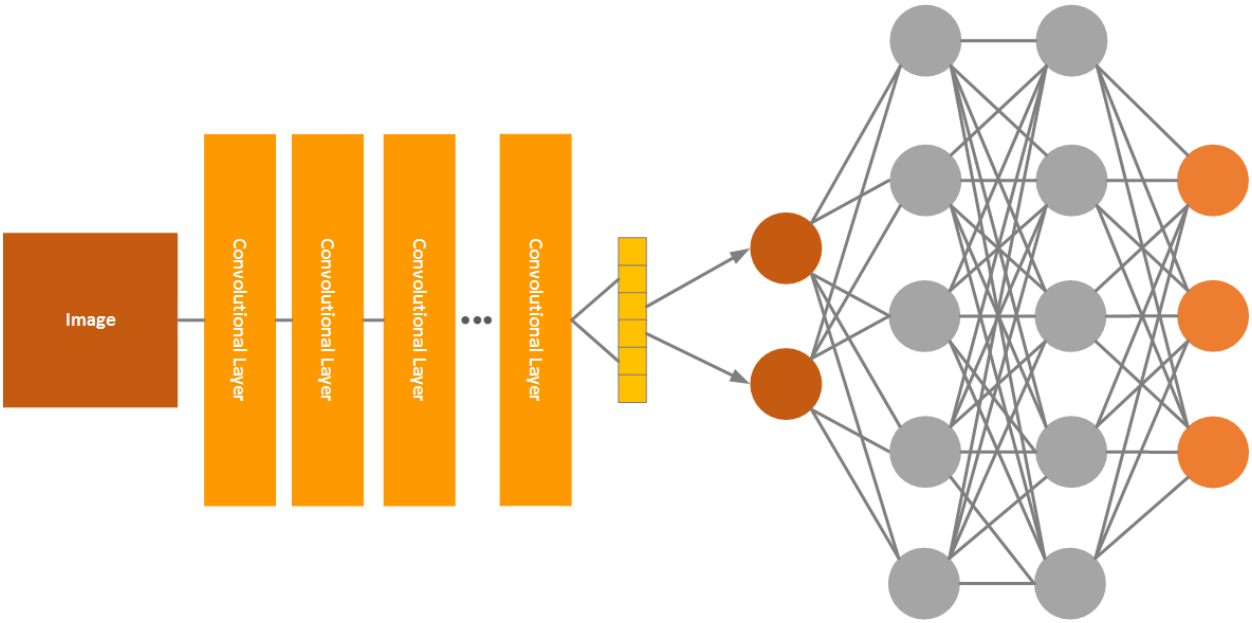
PERCEPTRON & FEED-FORWARD NEURAL NETWORK



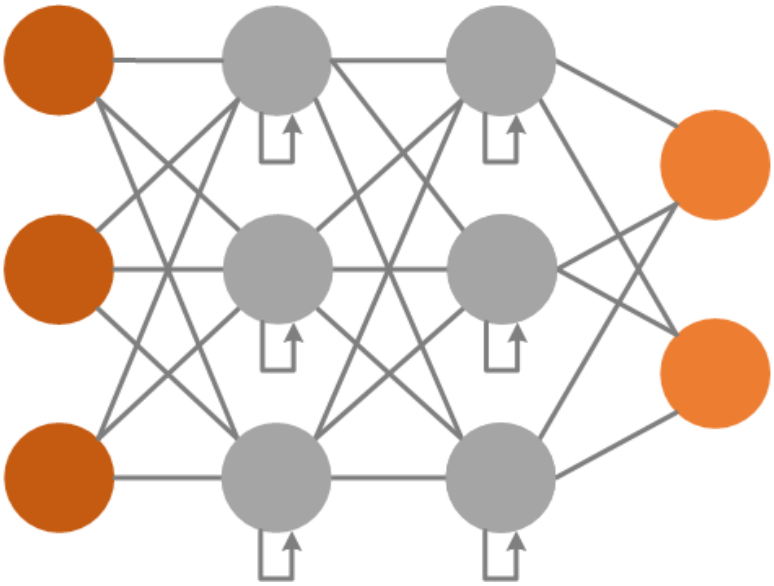
DEEP FEED-FORWARD NEURAL NETWORK



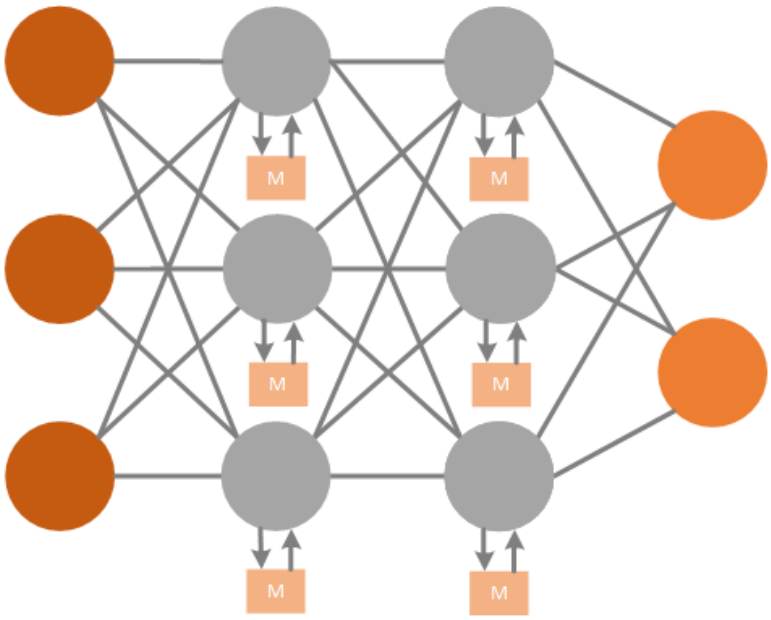
CONVOLUTIONAL NEURAL NETWORK



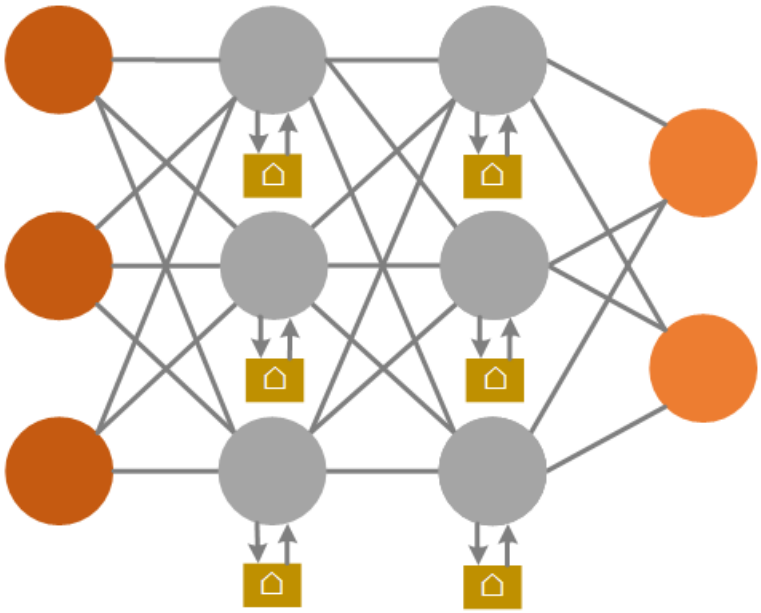
RECURRENT NEURAL NETWORK



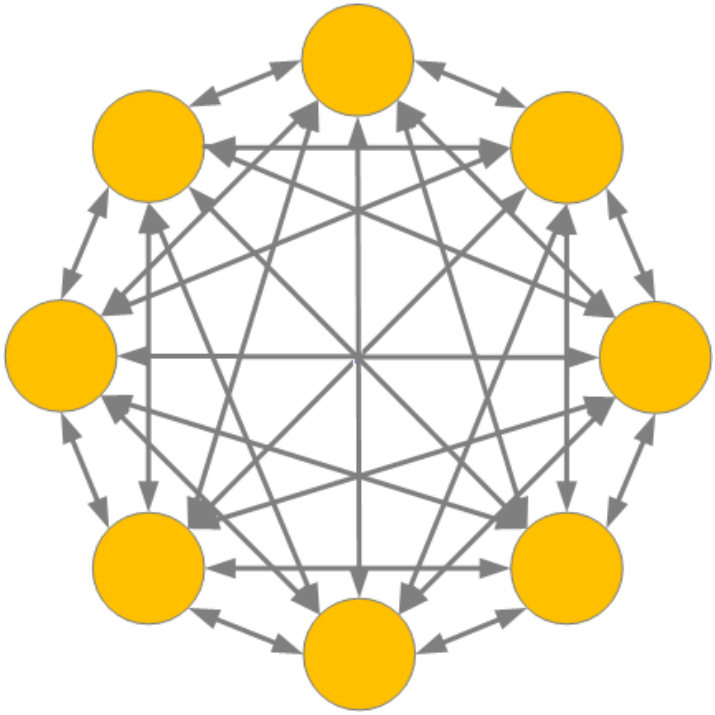
LONG SHORT TERM MEMORY - LSTM



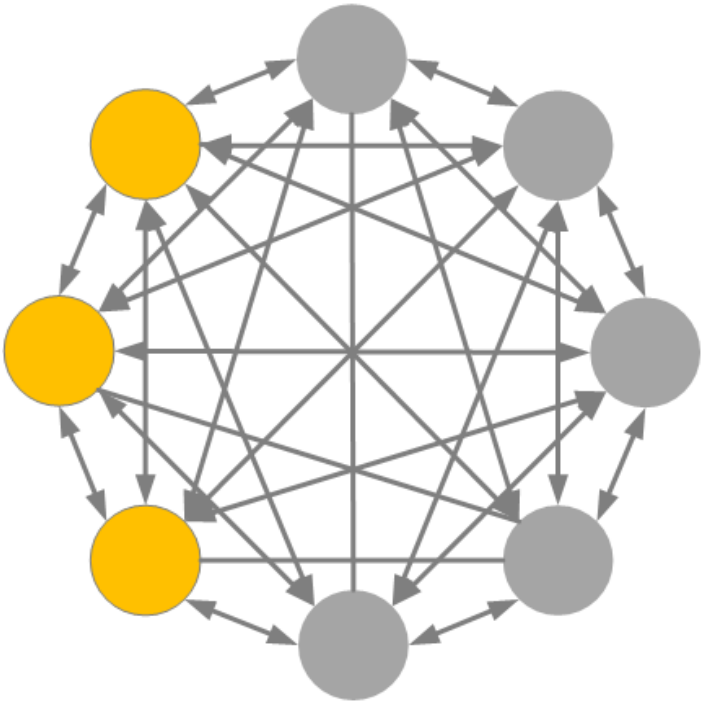
GATED RECURRENT UNIT - GRU



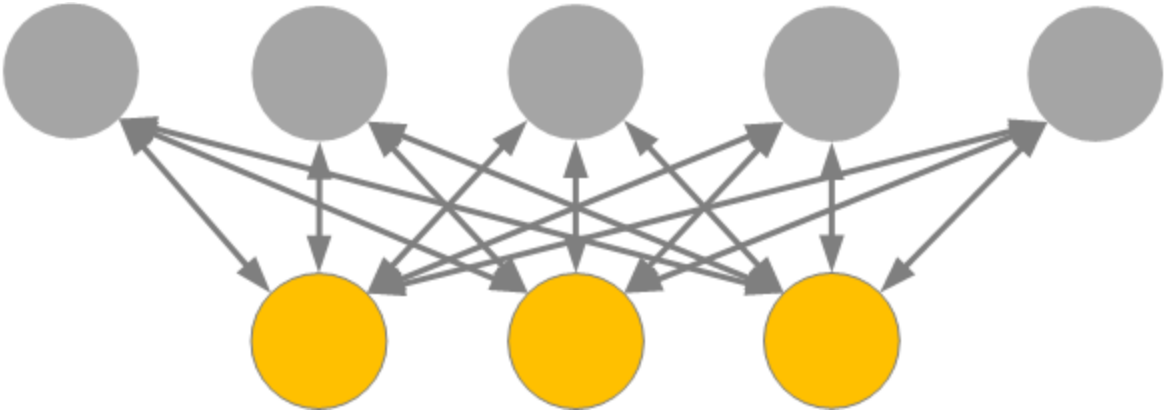
HOPFIELD NETWORK



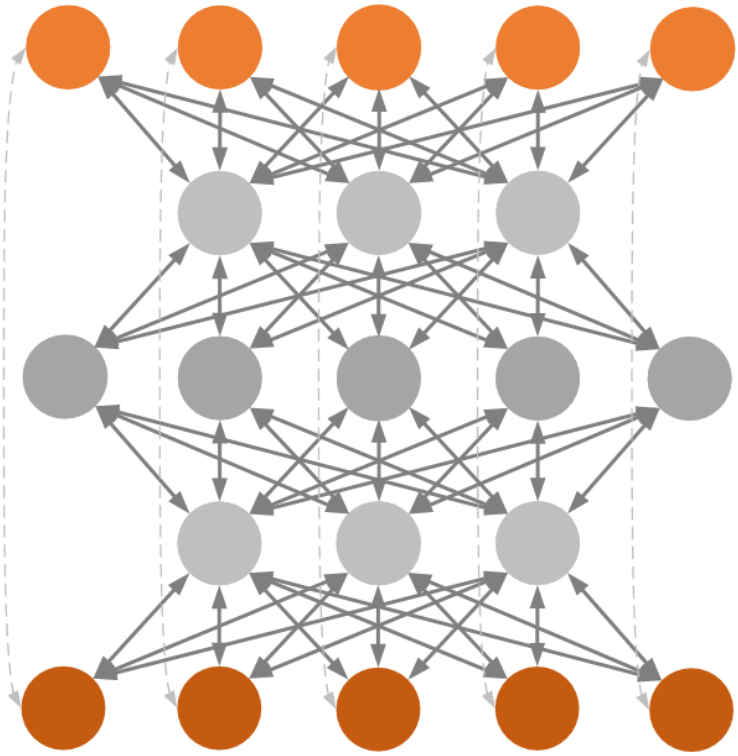
BOLTZMANN MACHINE



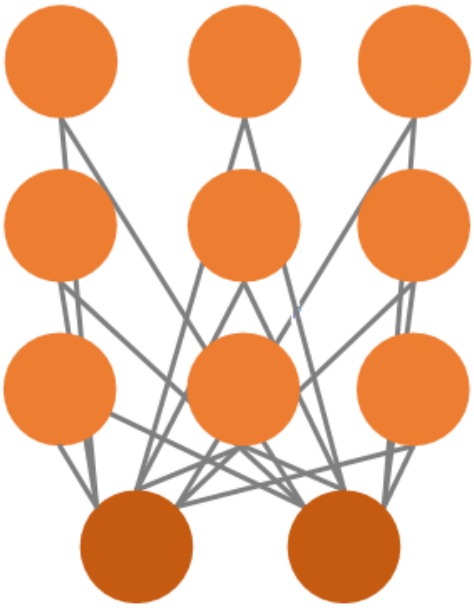
RESTRICTED BOLTZMANN MACHINE - RBM



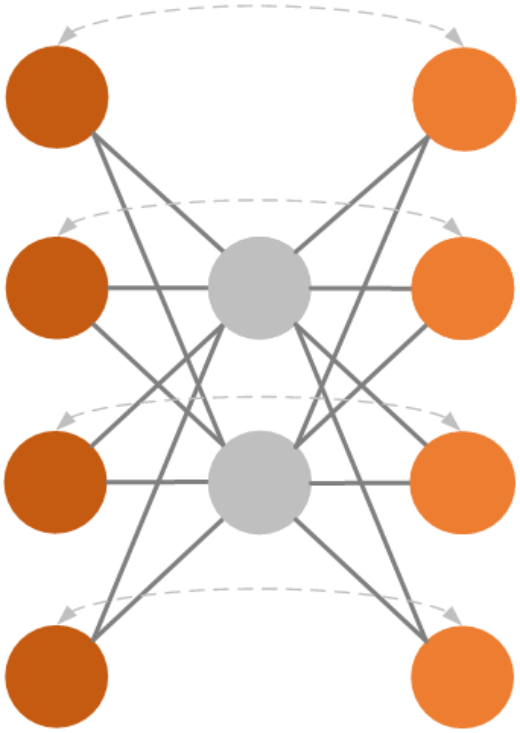
DEEP BELIEF NETWORK



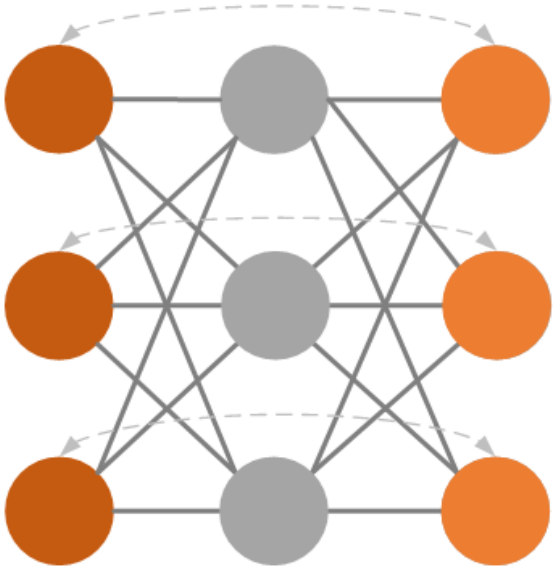
SELF ORGANIZING MAPS



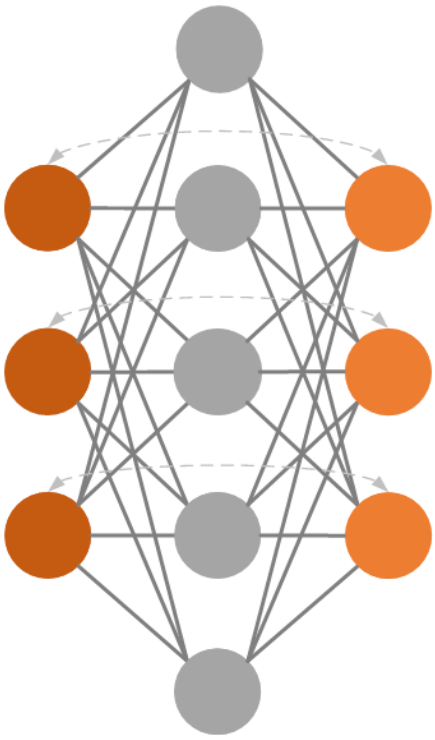
AUTOENCODER



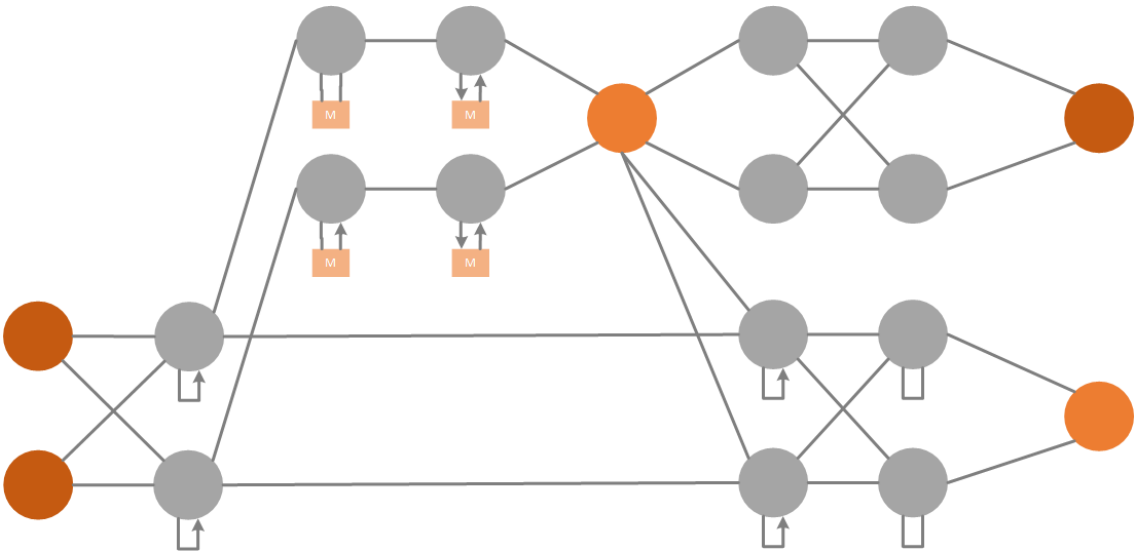
VARIATIONAL AUTOENCODER



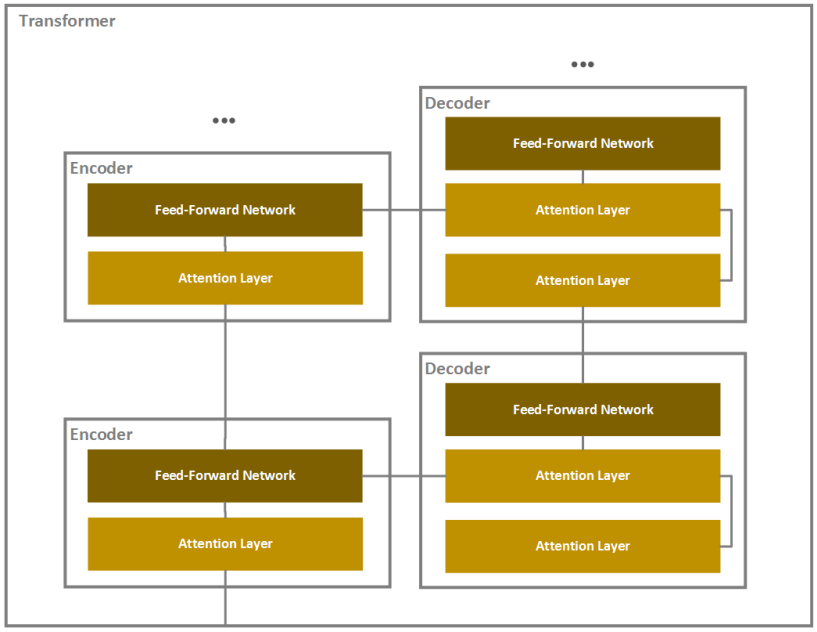
SPARSE AUTOENCODER



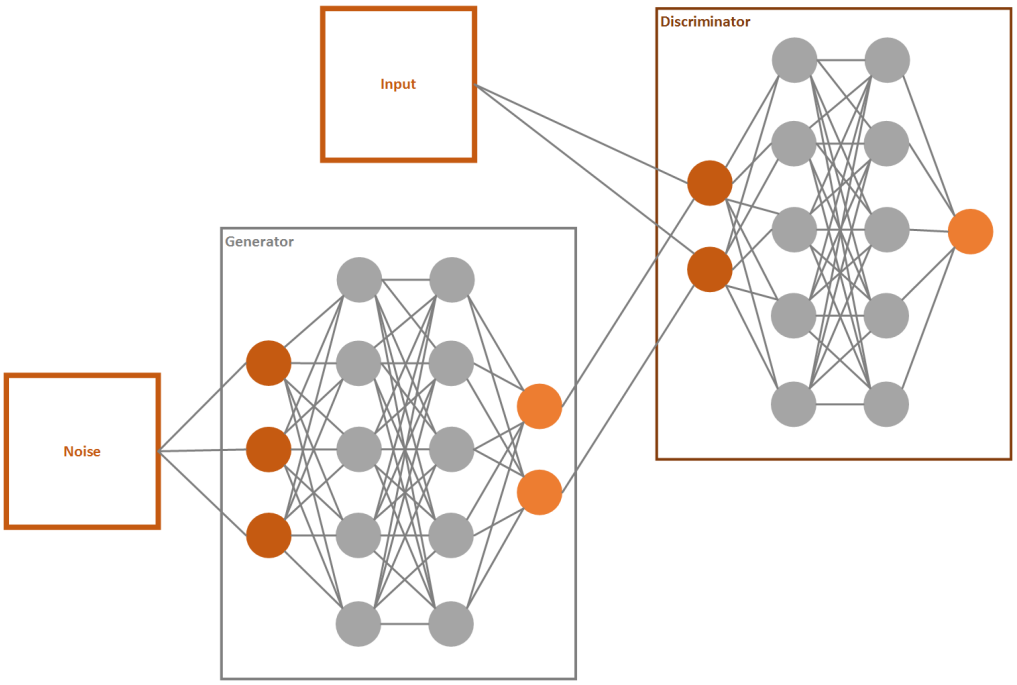
ATTENTION NETWORK



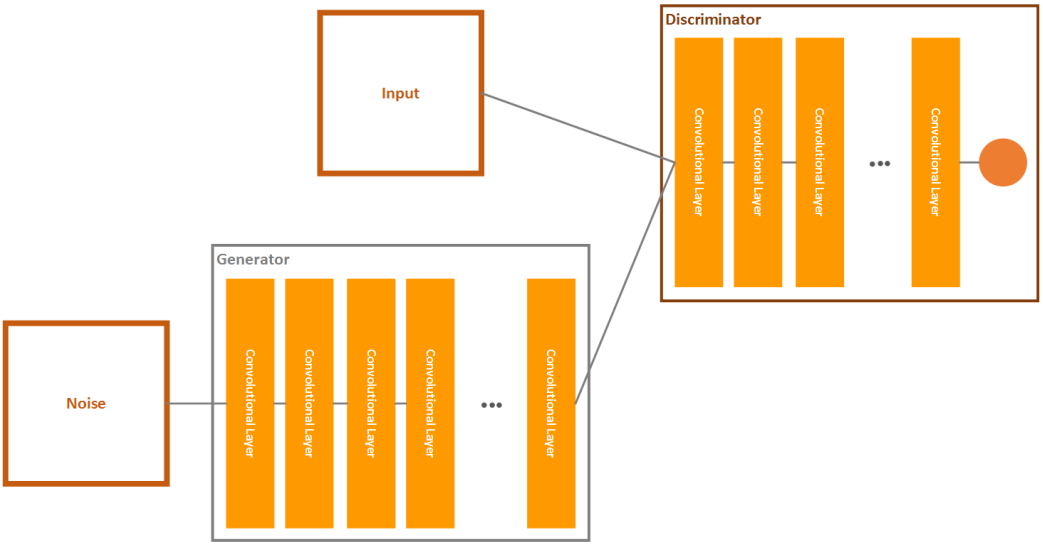
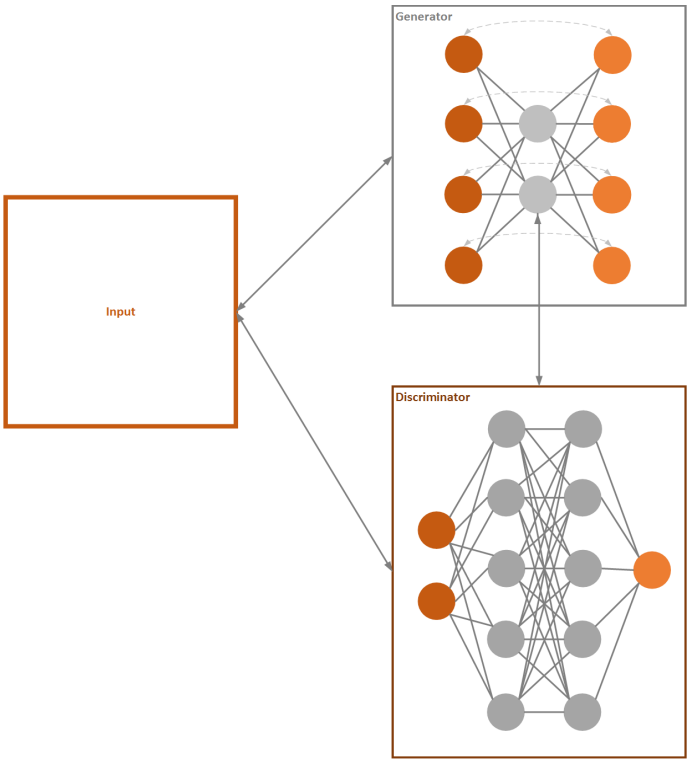
TRANSFORMER



GENERATIVE ADVERSARIAL NETWORK - GAN



DEEP CONVOLUTIONAL GAN - DCGAN



ADVERSARIAL AUTOENCODER - AAE