## Deep Learning

Convolution cannot have dense layers, dense means fully connected.

Dense layer doesn’t do weight sharing

Inception Modules are used in convolutional networks. Reduced dimensionality

GAN

* Input noise doesn’t not matter to ensure generated samples follow the target data distribution. It does for Autoencoders.

Cross-entropy for logistic losses not linear. L1 is for logistic losses.

LSTM – long short term memories. (Text)