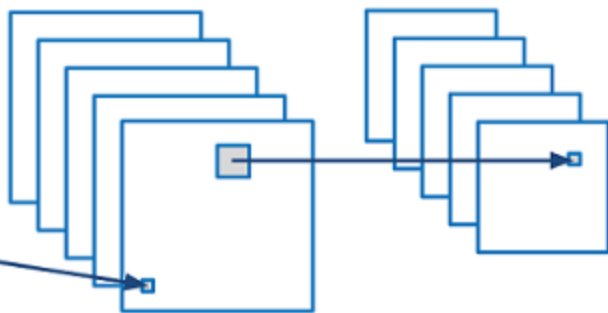




convolution +  
nonlinearity

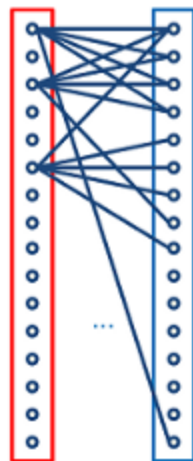


max pooling

convolution + pooling layers



vec



fully connected layers

Nx binary classification

bird

$p_{\text{bird}}$

sunset

$p_{\text{sunset}}$

dog

$p_{\text{dog}}$

cat

$p_{\text{cat}}$

...