Convolutional Neural Network.

-Convolution Layer: filter 합성답

input activation maps

\$71) filter: NXN x (Input channel) MT

(some depth)

(1Her74F71- activation map depth 375 ((N+2×P-F)/stride+1) =719 autput

- Fully Connected Layer

I number the result of taking a dot product blu a raw of Ward input

- Polling Layer

make the representations smaller and more manageable.

Max Pooling.

- Typical Architecture

## · CNN Architectures

- V (xGNet: Small filters, Deeper Networks

- Google Net: Deeper Networks, with computational efficiency.

La Inception Module: 777 convolution layer - a filter concortenation

+ 1x1 Conv "bottleneck" layers:

- Res Net : very deep networks using residual connections

Lo Residual Block Han = Fan + x