



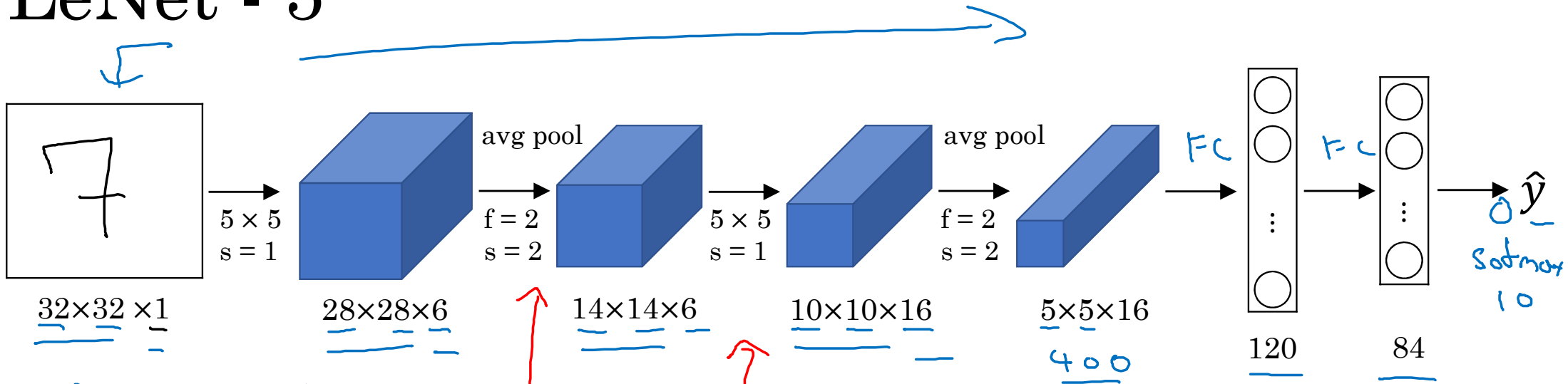
deeplearning.ai

# Case Studies

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## Classic networks

# LeNet - 5



60K parameters.

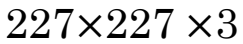
$n_H, n_w \downarrow$   $n_c \uparrow$

conv pool conv pool fc fc output

Advanced: sigmoid/tanh ReLU

II III

## A 5x5 grid of red squares. To the right of the grid is a vertical column of 5 green squares. Above the grid and to the right of the green column is a 2x5 grid of blue squares, forming a larger 7x5 grid of colored squares.



- 216

A hand-drawn red cube. The left vertical edge is labeled '13', the bottom horizontal edge is labeled '13', and the right vertical edge is labeled '256'.

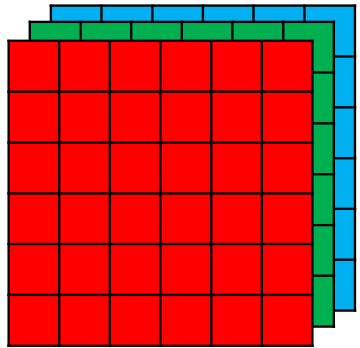


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# VGG - 16

CONV = 3x3 filter, s = 1, same

MAX-POOL = 2x2, s = 2



VGG-19

