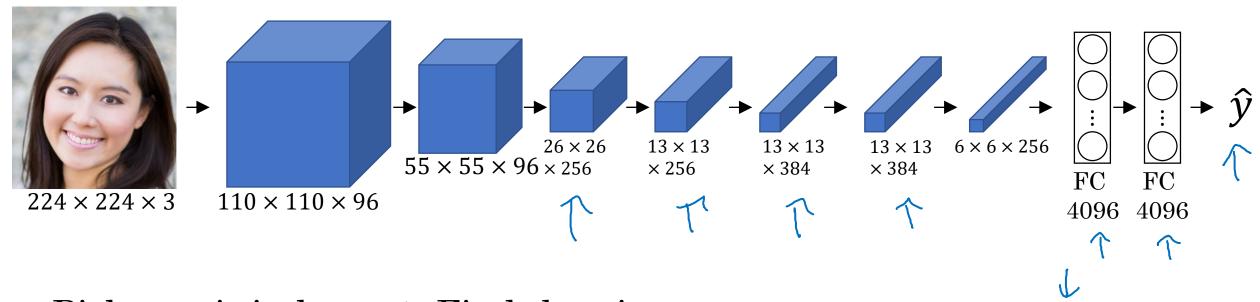


# Neural Style Transfer

# What are deep ConvNets learning?

# Visualizing what a deep network is learning



Pick a unit in layer 1. Find the nine image patches that maximize the unit's activation.

Repeat for other units.



# Visualizing deep layers







Layer 2



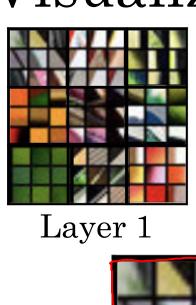
Layer 3



Layer 4



Layer 5









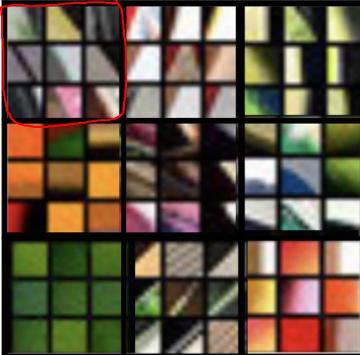


Layer 2

Layer 3

Layer 4

Layer 5











Layer 2



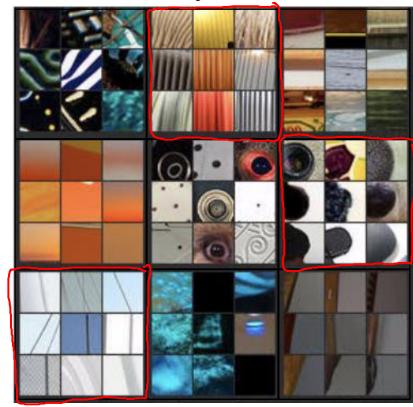
Layer 3

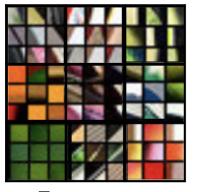


Layer 4



Layer 5





Layer 1



Layer 2



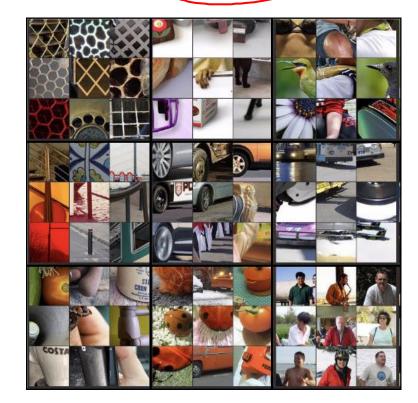
Layer 3

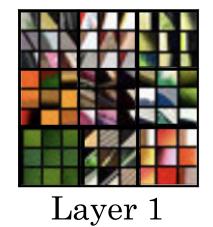


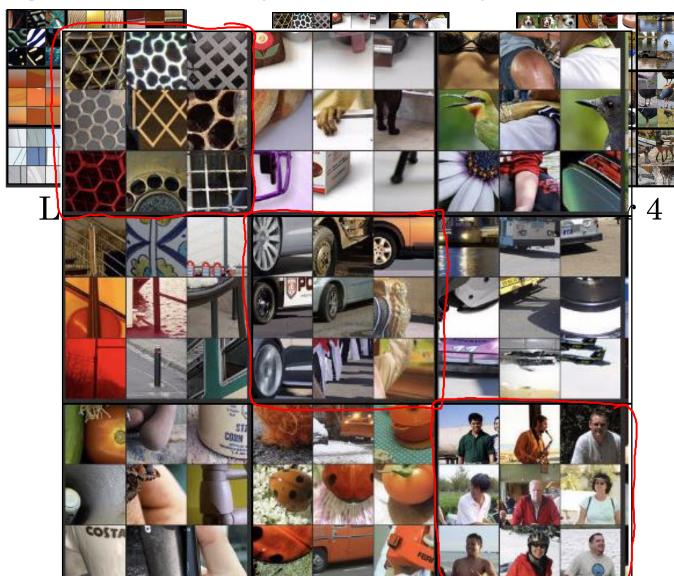
Layer 4



Layer 5

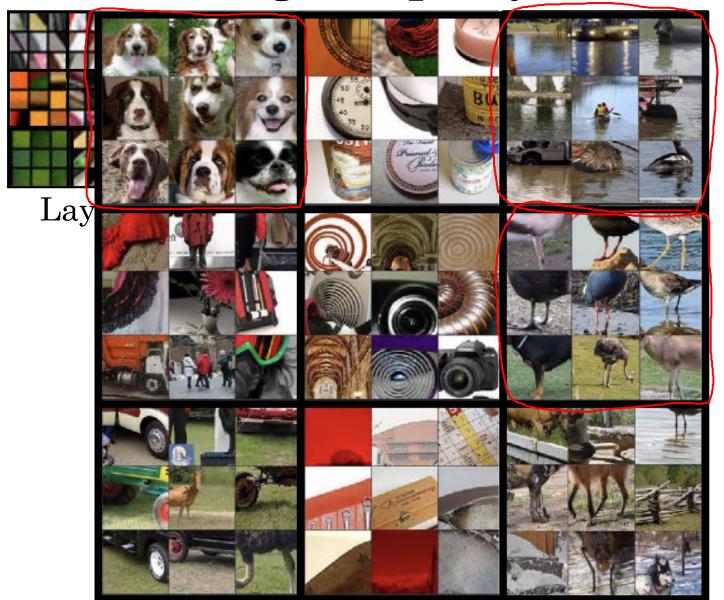








Layer 5

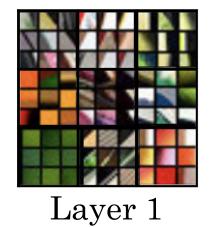


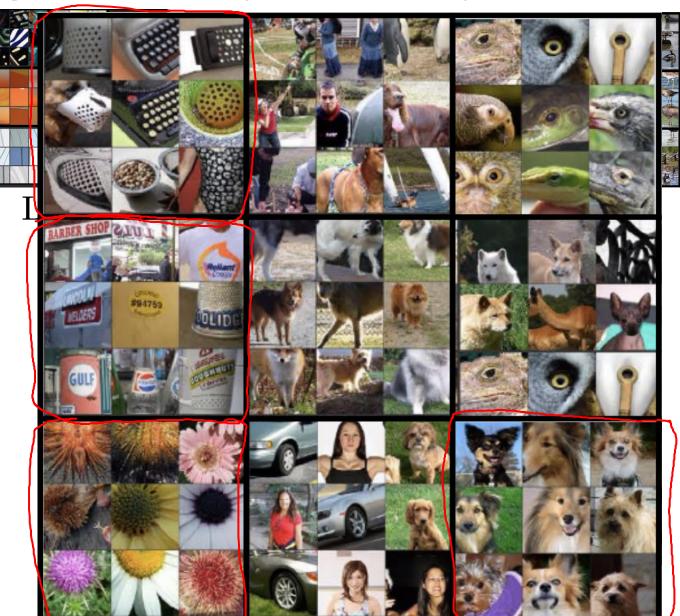


Layer 4



Layer 5







Layer 5