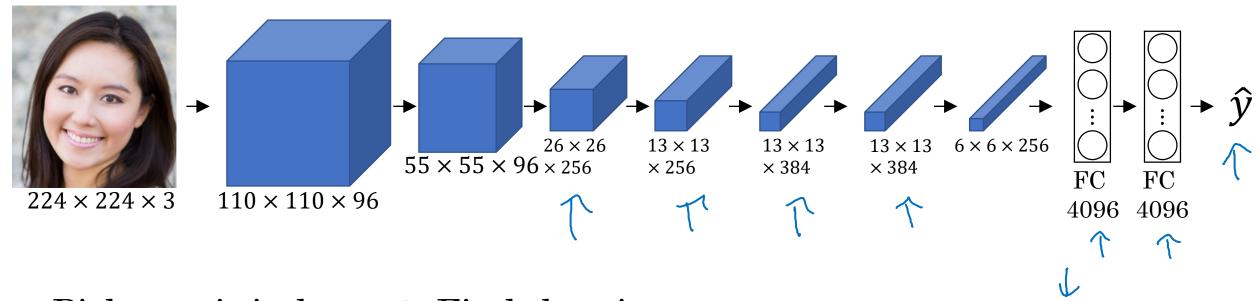


Neural Style Transfer

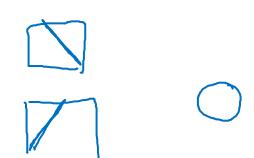
What are deep ConvNets learning?

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



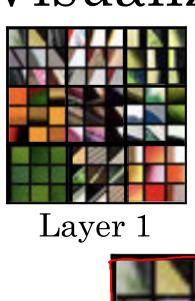
Layer 3



Layer 4



Layer 5









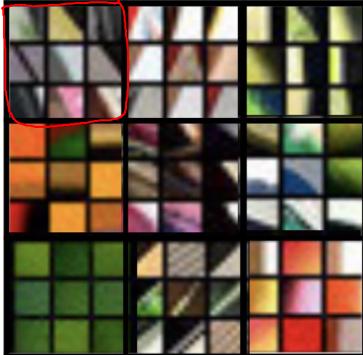


Layer 2

Layer 3

Layer 4

Layer 5







Layer 1



Layer 2



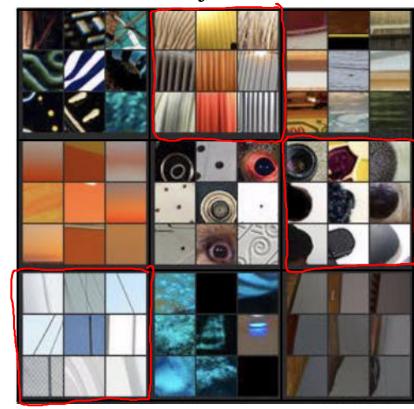
Layer 3



Layer 4



Layer 5









Layer 2



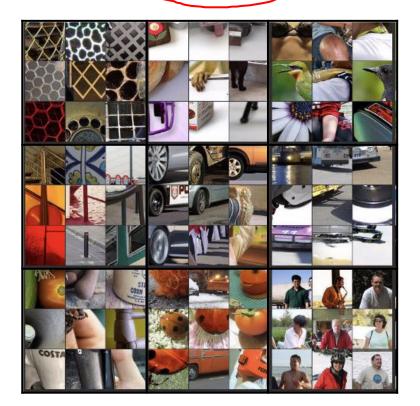
Layer 3

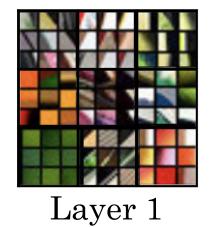


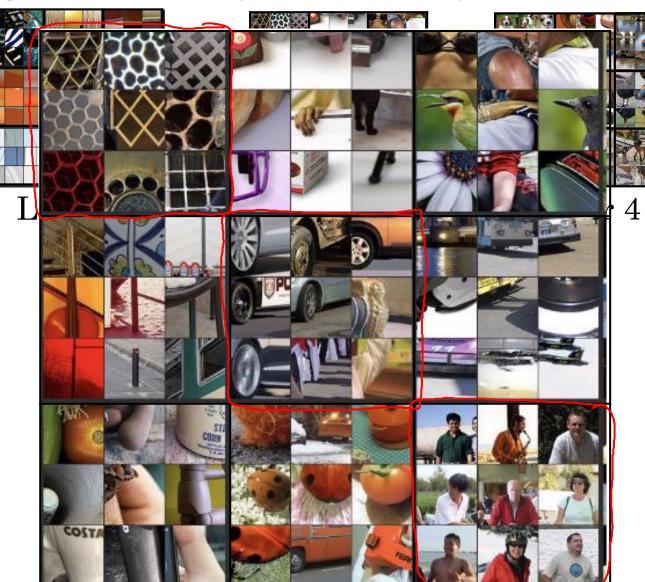
Layer 4



Layer 5

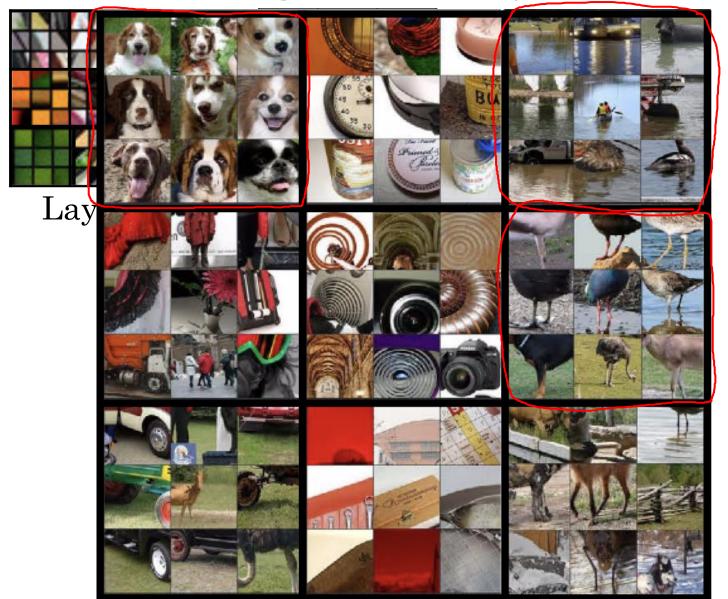








Layer 5

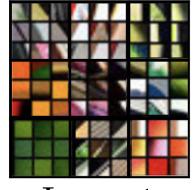




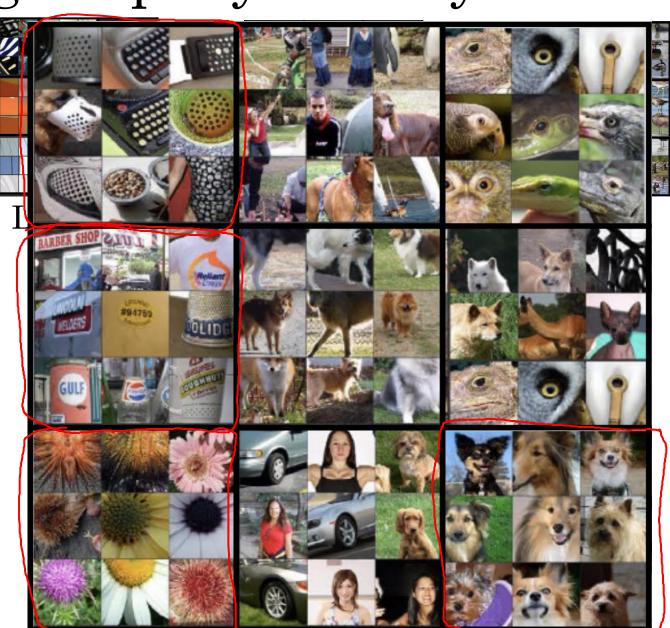
Layer 4



Layer 5









Layer 5