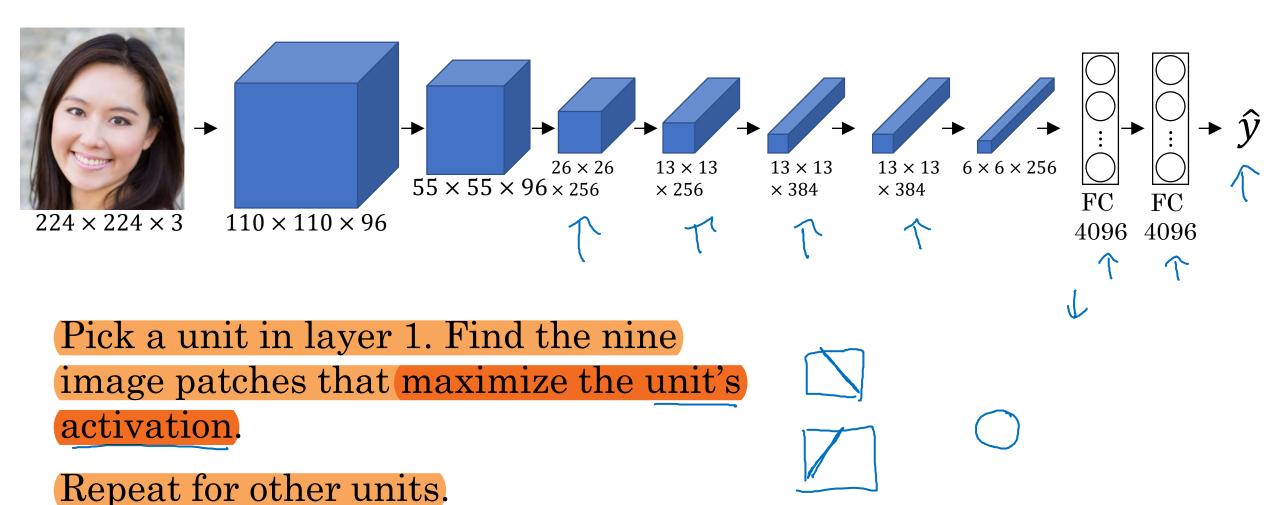


Neural Style Transfer

What are deep ConvNets learning?

Visualizing what a deep network is learning



Visualizing deep layers







Layer 2



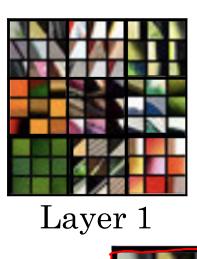
Layer 3



Layer 4



Layer 5









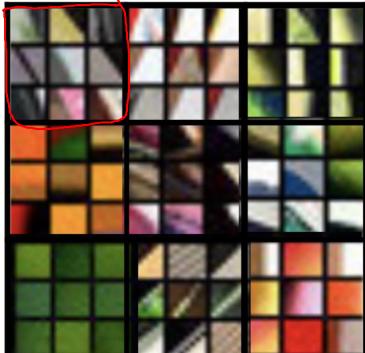


Layer 2

Layer 3

Layer 4

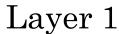
Layer 5





detecting edges, colours







Layer 2



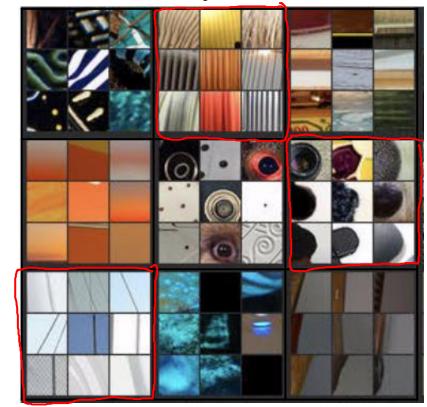
Layer 3



Layer 4



Layer 5



detecting textures etc.



Layer 1



Layer 2



Layer 3



Layer 4



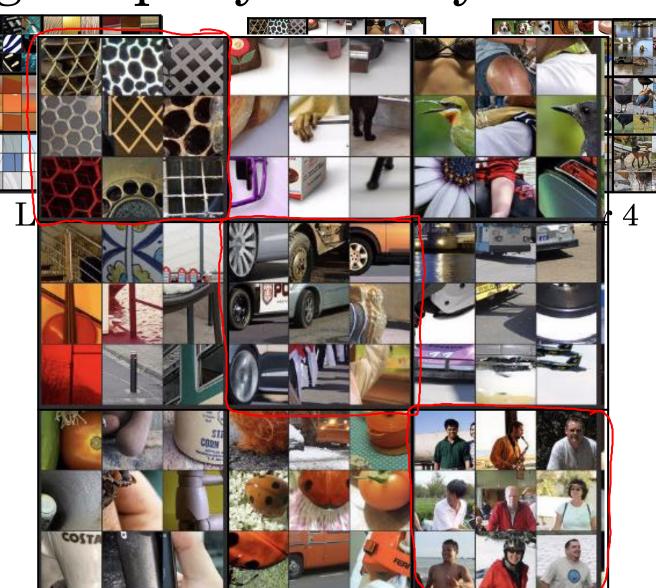
Layer 5



detecting parts of the objects



Layer 1





Layer 5



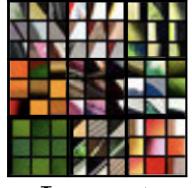


Layer 4



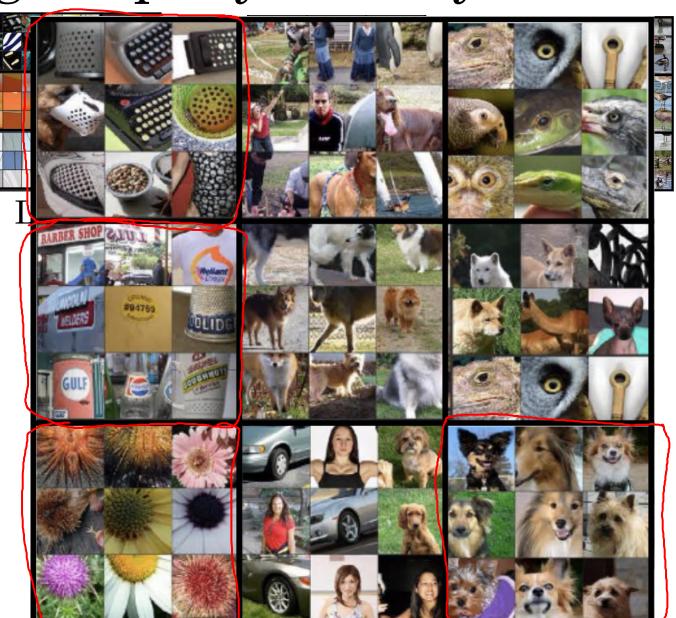
Layer 5

detecting objects











Layer 5

detecting objects