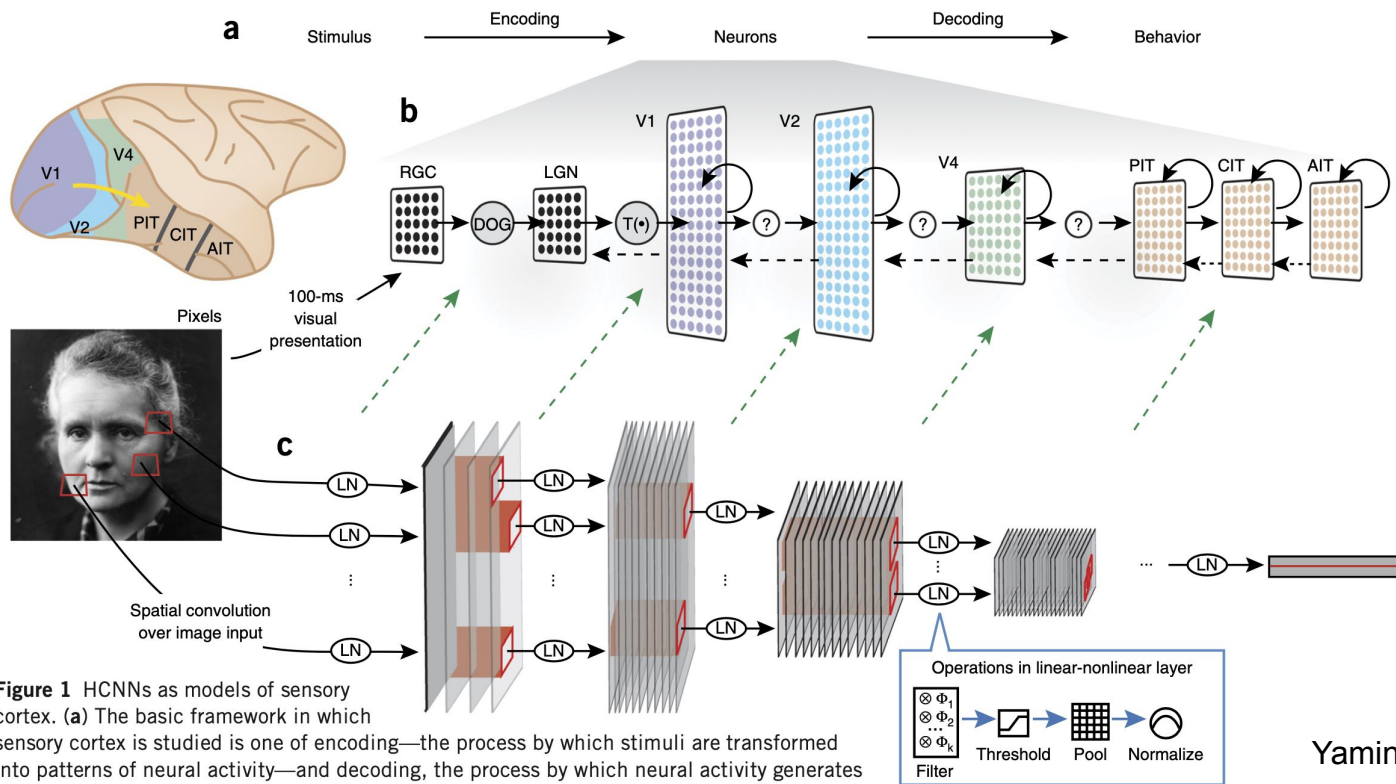
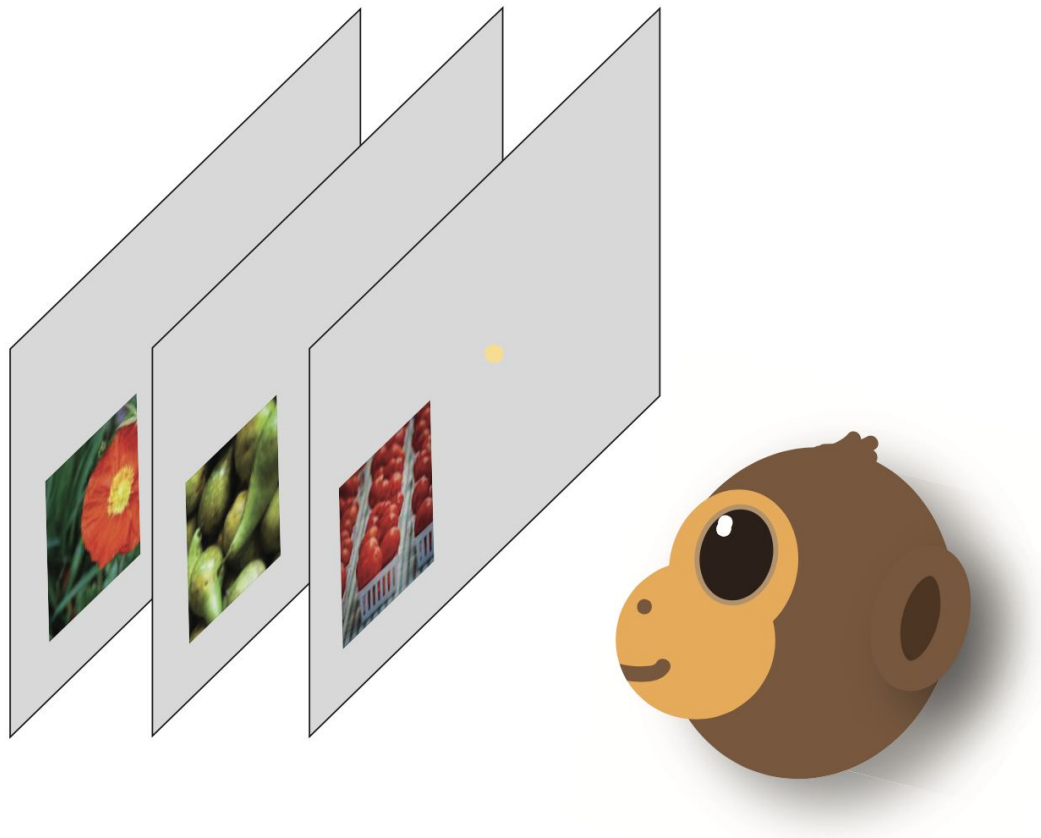


Class project



Yamins and DiCarlo, 2016.

Data: We show many natural images and record from visual cortical neurons.

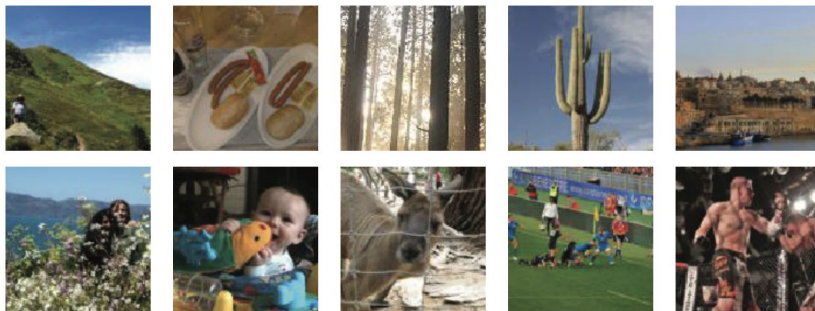


- 1,000 natural/artificial images
- 100 neurons from mid-level visual area V4*
- responses are z-scored

*simulated from a deep neural network

Two types of images: “normal” images and “gaudy” images

normal
images



gaudy
images



- images are paired:
gaudy image is a
transformed version of a
normal image

Let's analyze this data!

But first, what are some scientific questions we can ask about this data?