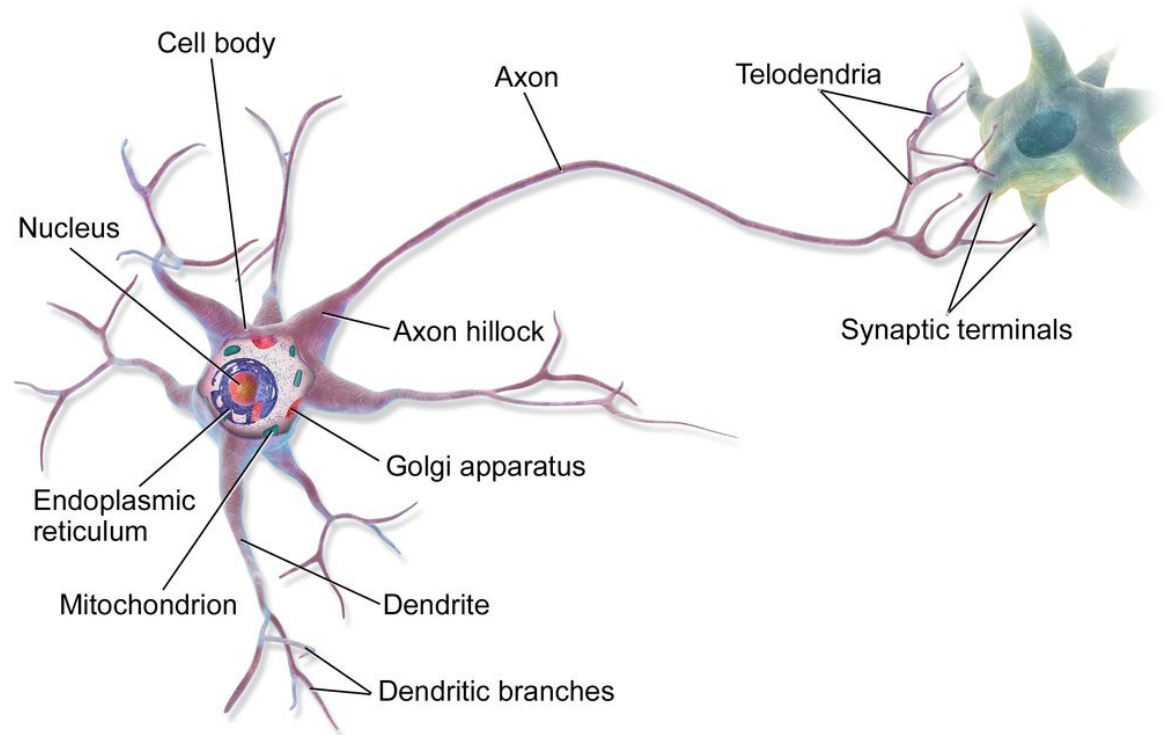


# Neurons and Networks

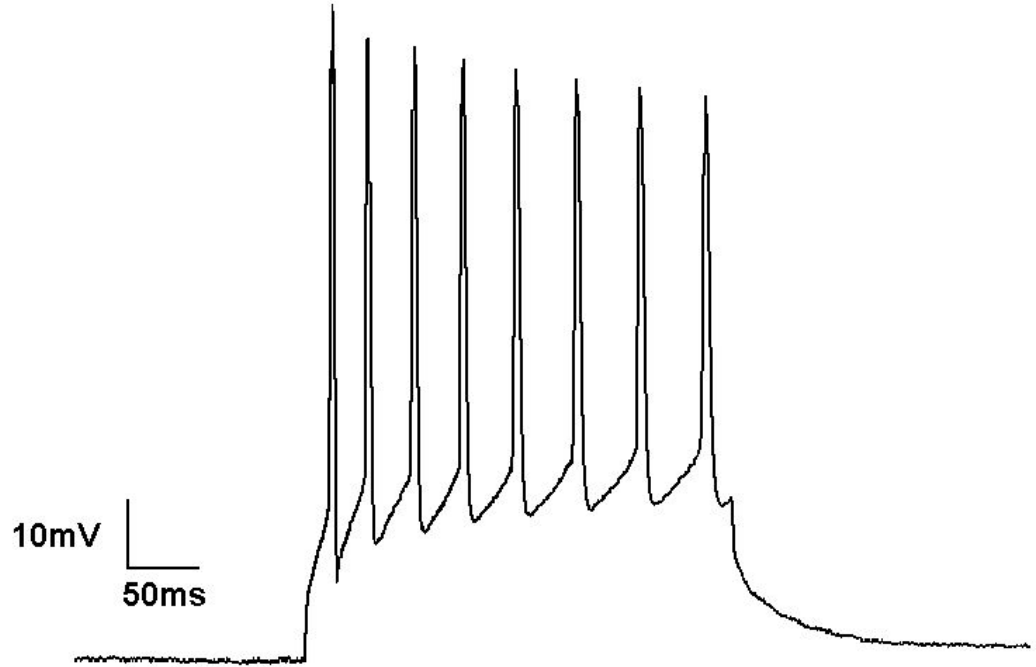
Advanced Machine Learning

# Structure of a Neuron



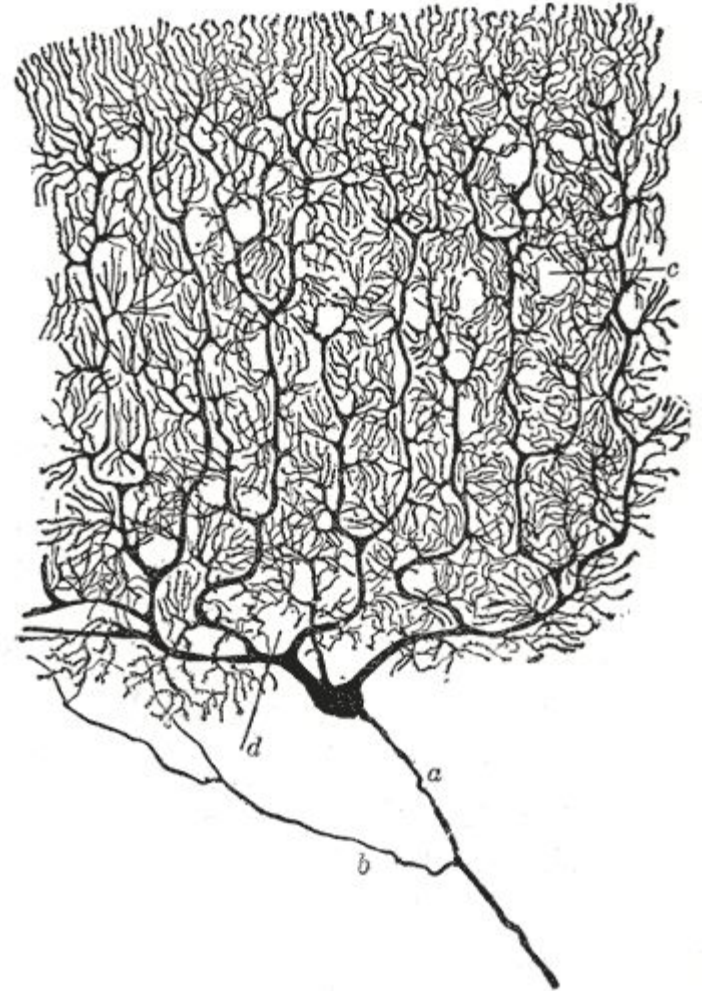
# Cell Body Voltage

- Current clamp:  
injection of a  
constant electrical  
current
- Added current  
causes action  
potentials to be  
generated



# Purkinje Cell

- Santiago Ramón y Cajal
- Cat cerebellar cortex



<https://commons.wikimedia.org/w/index.php?curid=10650411>

# Pyramidal Cell

Mouse cerebral cortex

