



# Human Brain - Synapses

- Neurons communicate with one another through synapses
  - The axon terminal of a neuron impinges upon another neuron's dendrite
- Excitatory or inhibitory synapses
- Where learning occurs and knowledge stored (memory)
- Modelled as weights in artificial neurons

Synapses are the gap in between two neurons. A signal passes through the synapses via chemicals and the amount and type of chemical determine the amplitude of the signal. It is this synaptic clef where learning occurs and knowledge from the learning is kept in chemical secretion terms. The learning and memory aspect is modelled as weight in Artificial Neuron Networks.