

Brain facts



The average adult human brain weighs about 1.4 kilograms



The cortex comprises 82% of the mass of the human brain



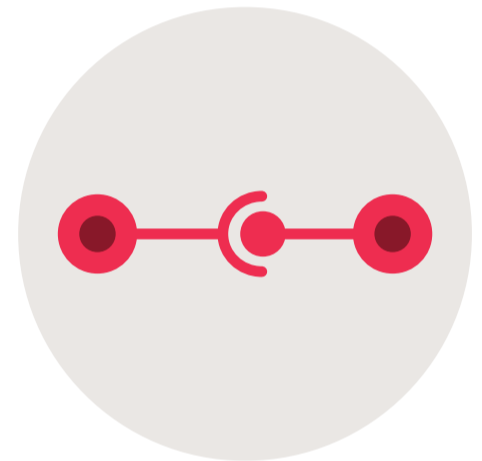
The hippocampus is a sea horse-shaped structure in the brain that can produce 700 new neurons each day



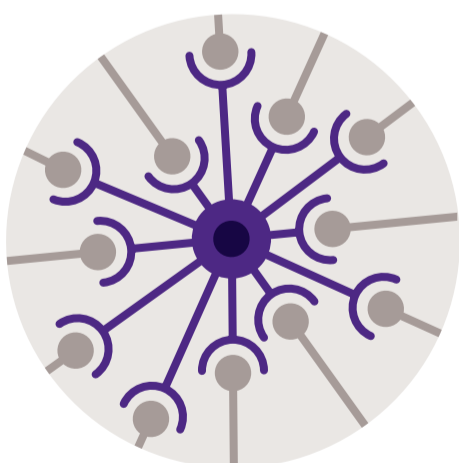
The brain contains about 100 billion (100,000,000,000) nerve cells (neurons)—the “grey matter”



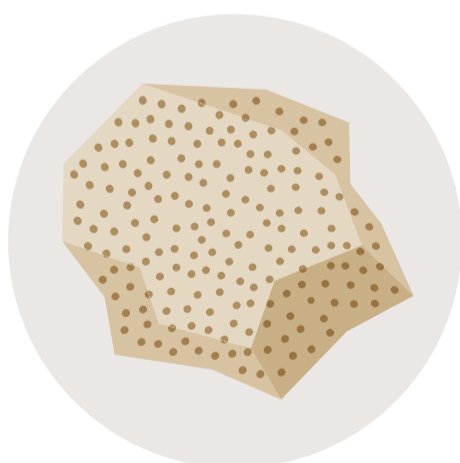
The brains contains billions of nerve fibres (axons and dendrites)—the “white matter”



Neurons are connected by trillions of connections called synapses



Each neuron connects with other neurons by up to 40,000 synapses



A piece of brain tissue the size of a grain of sand contains 100,000 neurons and 1 billion synapses



When you are born your brain is a third the size it will be when you are an adult, and it grows by ~1%/day