

## 60 Second Adventures in Artificial Intelligence

*How does A.I. Work? 1/4*

### **Narrator:**

60 Second Adventures in Artificial Intelligence. Chapter 1, How does A.I. Work?

Artificial intelligence is about 'computers that can learn complex tasks' not about people pretending they're smart.

In fact, A.I. systems work by mimicking the way that neurons are connected in our own brains, creating 'Artificial Neurons', that are not individually that smart, but that work together in huge networks to perform complicated tasks.

Like humans, artificial intelligence needs training before it can recognise things.

Humans learn quickly... most of the time.

But A.I.s can process many more images, much faster - and all without getting bored.

In this way Astronomers use A.I. to scan their data, recognising stars, galaxies and black holes with superhuman speed

And, while they can't yet replace a scientist's intuition, trained A.I.s can save a lot of time, so the scientists can concentrate on other things.

And that really is intelligent.

To find out more about how AI is helping scientists understand the Universe, visit [projectescape.eu/ai](http://projectescape.eu/ai)