



**Tip sheet**

# **Artificial Intelligence (AI) key words**

This tip sheet helps you understand words and ideas about Artificial Intelligence (AI). It gives simple meanings for words you might hear or read when learning about or using AI.

## How to use this tip sheet



### **Find a word**

If you see a word about AI that you don't know, look for it in the glossary.



### **Read the meaning**

Each word has a clear and easy meaning. Read it to understand the word better.



### **See examples**

Some words have examples to show how they are used in real life.



### **Ask for help**

If you still have questions after reading, ask a friend, family member or trusted person for more help.

## Key words

1

### Artificial Intelligence

**What it means:** Computers or machines that can think and learn.

**Example:** A computer that can play games or help you find information online.

2

### Algorithm

**What it means:** A set of rules or steps that a computer follows to solve a problem.

**Example:** A recipe for baking a cake is like an algorithm for cooking.

3

### Automated

**What it means:** Something that works by itself without a person.

**Example:** Automatic doors that open when you walk towards them.

4

### Chatbot

**What it means:** A computer program that you can ask questions of and will respond with answers

**Example:** Customer service bots on websites that help you find information.

5

### Data

**What it means:** Information that computers use to learn and make decisions.

**Example:** Numbers, words, images, and videos are all types of information.

6

### Facial Recognition

**What it means:** AI that can identify people by their faces.

**Example:** Unlocking your phone with your face.

7

### Machine Learning

**What it means:** A type of AI where computers learn from information and improve over time.

**Example:** A computer that learns to recognise your face from photos.

## Key words

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### Recommendation System

**What it means:** AI that suggests things you might like based on your preferences.

**Example:** Netflix suggesting movies or shows you might enjoy watching.

9

### Robot

**What it means:** A machine that can perform tasks automatically.

**Example:** A vacuum cleaner that cleans your house by itself.

10

### Smart Assistant or Virtual Assistant

**What it means:** A device or app that uses AI to help you with tasks.

**Example:** Alexa or Google Assistant that can play music or set alarms for you.

11

### Smart Home

**What it means:** A home with devices that use AI to make life easier.

**Example:** Lights that turn on when you enter a room or air conditioners that adjust the temperature automatically.

12

### Speech Recognition

**What it means:** AI that can understand a person speaking so it can do tasks.

**Example:** Talking to your smartphone and it typing the message for you or talking to Siri.

13

### Translation

**What it means:** Using AI to convert text or speech from one language to another.

**Example:** Google Translate helps you understand words in different languages.