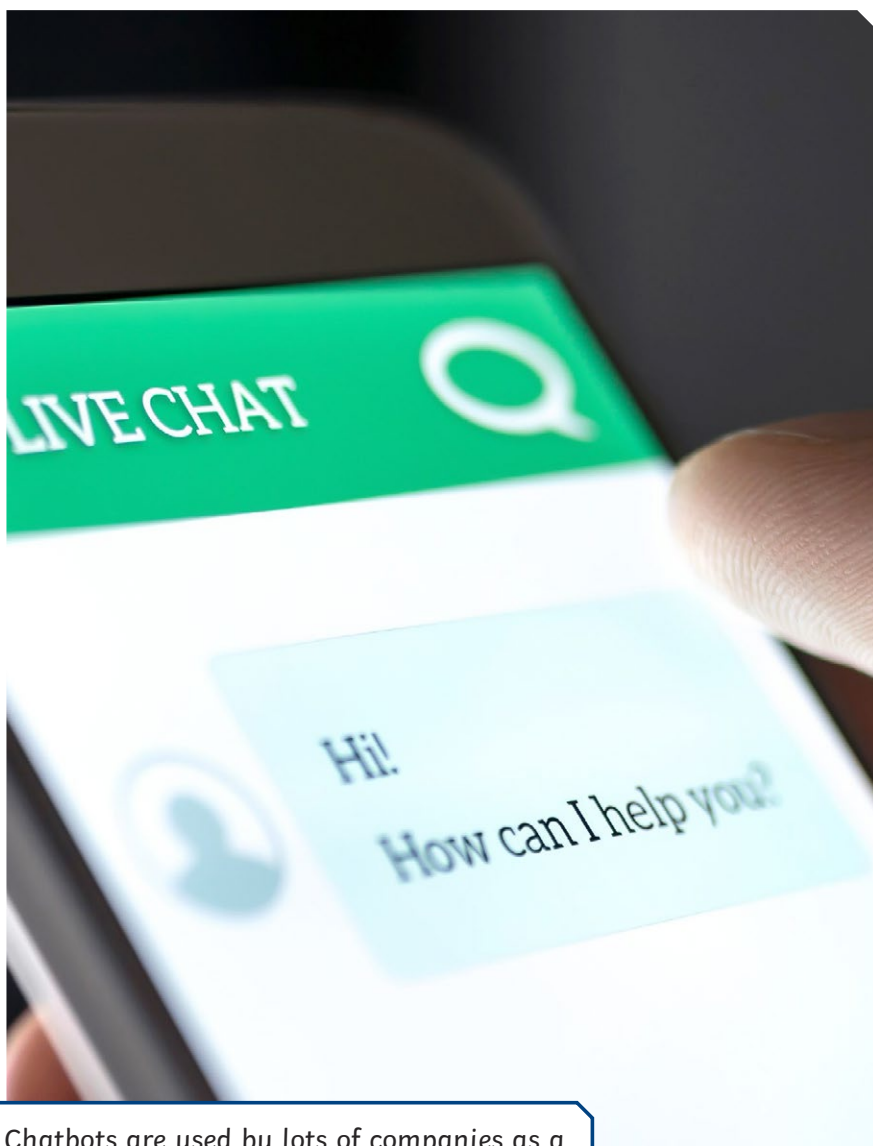# chatbots

Chatbots are used by lots of companies as a way to communicate with their customers.

smart assistants

Smart assistants on mobile devices and smart speakers use AI to recognise and respond to voice commands.

self-driving vehicles

A self-driving vehicle uses AI to perceive its environment and make decisions based on the data it receives.

media recommendations

Media streaming sites, such as Netflix, Spotify Kids and Disney+, use AI to create suggestions for their customers on what they might like to watch or listen to next, based on what they have previously watched or listened to.

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traffic information

AI is used to provide instant updates of traffic conditions such as congestion and accidents.

surveillance monitoring

AI can be used in monitor surveillance cameras. Facial recognition AI can can be used in CCTV cameras to take images of faces they film and compare them against a predefined database of images.

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smart speakers

Smart speakers use AI to interpret speech and respond to commands.

robot vacuum cleaners

AI allows robot vacuum cleaners to scan room size, identify obstacles, work out which route would be best for optimal cleaning and auto charge by returning to its docking station.
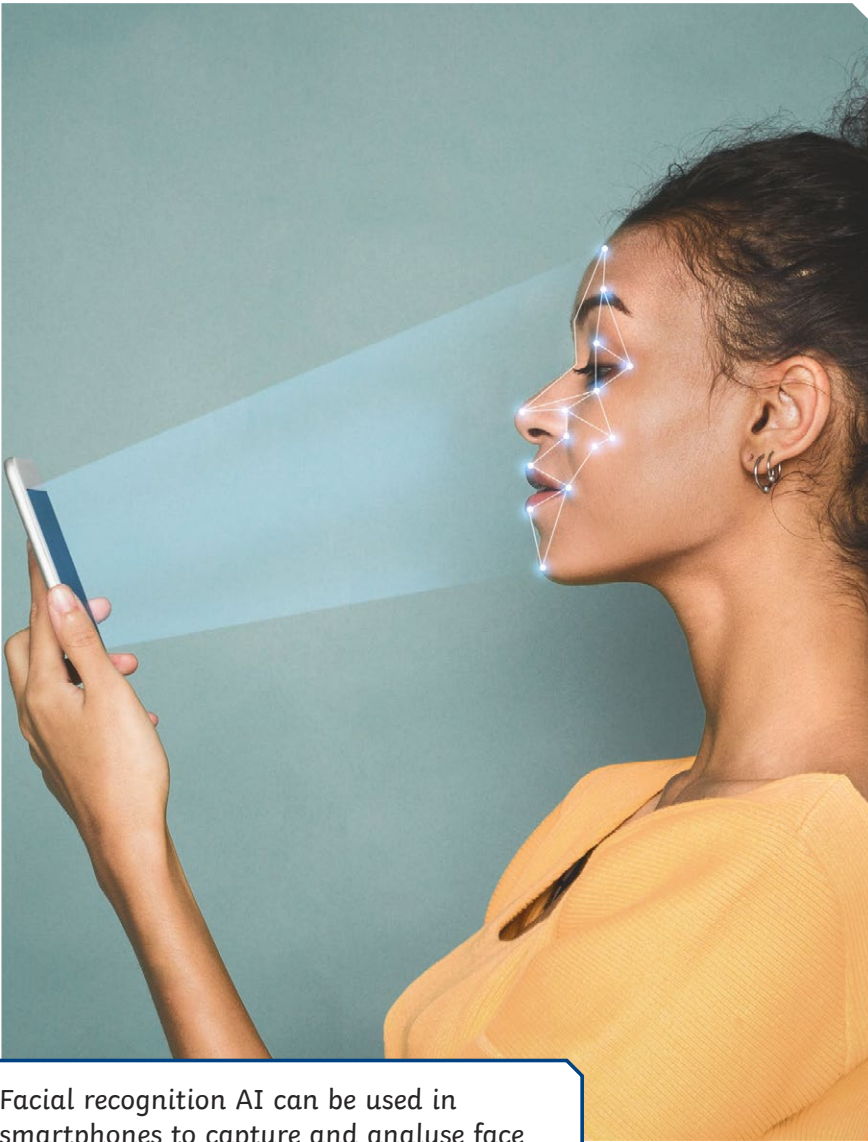
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smart appliances

Image recognition AI can be used to understand what is in a fridge. AI can then recommend recipes or create shopping lists for its users based on their personal preferences.

virtual reality gaming

AI can improve virtual reality experiences through object recognition, responding to voice commands and creating environments that adapt to humans' perceptions and responses.
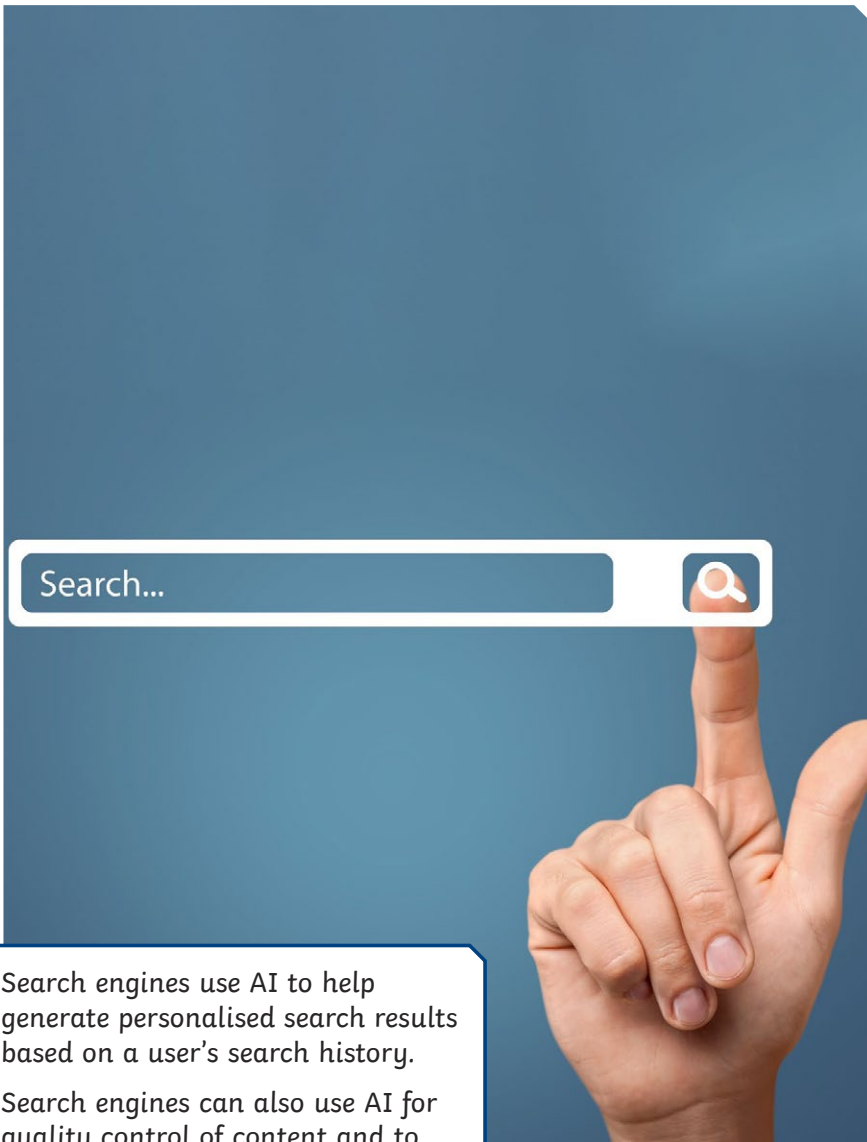
smartphones

Facial recognition AI can be used in smartphones to capture and analyse face data. This can be used to unlock the device.

robotic lawnmowers

Robotic lawnmowers use AI to identify and avoid obstructions, scanning areas to avoid excessive mowing and identify edges and borders.
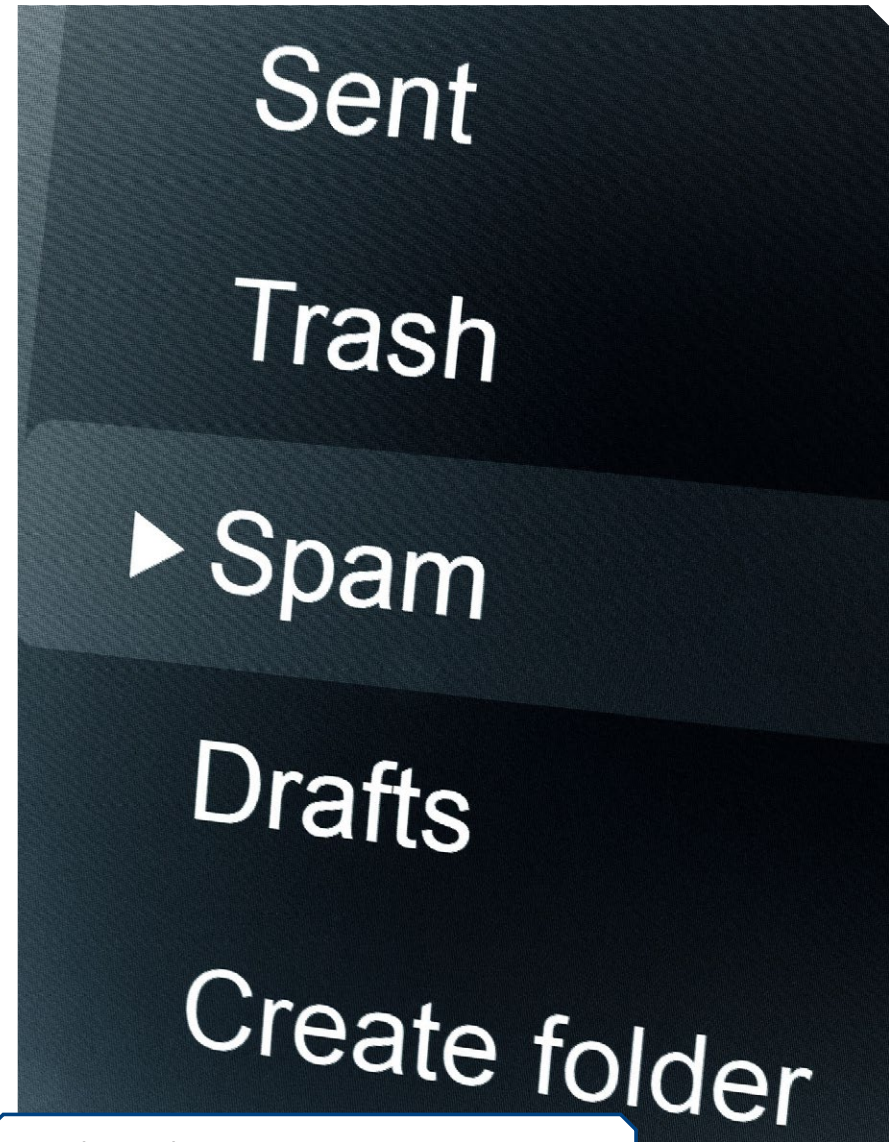
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search engines

Search engines use AI to help generate personalised search results based on a user's search history.

Search engines can also use AI for quality control of content and to understand search queries.

email spam filters

Sent

Trash

▶ Spam

Drafts

Create folder

Email providers use pattern recognition AI to help detect and filter out unwanted emails.

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