

Artificial Intelligence



Home

Smartphone-based 'assistants' allow parts of our home to be controlled automatically. They can set alarms, provide reminders about upcoming events and control heating, lighting and security. They can even learn from us, for example suggesting music based on our past choices.

Entertainment

In video games, AI is used to simulate the behaviour of human players. This gives a more realistic experience when playing against the computer.

Automotive

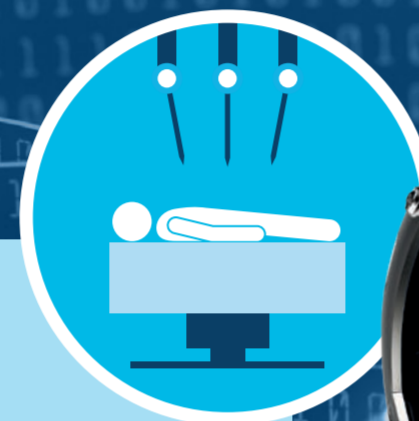
Self-driving cars are no longer the stuff of science fiction! They use sensors to detect obstacles, navigate roads and read road signs. However, their use raises ethical concerns, such as what happens if there is an accident.

Healthcare

AI can help give the correct medicines to patients. Robots with AI are also being developed to perform and assist with basic surgery.

Education

AI is already being used to mark and grade test papers. AI 'tutors' could also be used to help students with homework, answer basic questions and help pupils with disabilities.



Artificial intelligence (AI) is where machines simulate aspects of human or animal intelligence. This is done using programmed algorithms.

It can be used for problem solving, planning, learning through experience, processing language, perception and even social intelligence.