

Artificial Intelligence

Artificial intelligence (AI) refers to the simulation of human **intelligence** in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving. The theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.

Examples of Artificial Intelligence

1. Google Maps and Ride-Hailing Applications

2. Face Detection and Recognition

3. Text Editors or Autocorrect

4. Search and Recommendation Algorithms

5. Chatbots

6. Digital Assistants

7. Social Media

AI algorithms can spot and swiftly take down posts containing hate speech a lot faster than humans could. This is made possible through their ability to identify hate keywords, phrases, and symbols in different languages.

8. E-Payments

The way fraud can be detected by observing users' credit card spending patterns is also an example of artificial intelligence. For example, the algorithms know what kind of products User X buys, when and from where they are bought, and in what price bracket they fall. When there is some unusual activity that does not fit in with the user profile, the system instantly alerts user X.

9. Self-Driving Autos

Pros:

Reduction in Human Error:

Takes risks instead of Humans

Available 24x7

Helping in Repetitive Jobs

Digital Assistance

Faster Decisions

New Inventions

Cons:

High Costs of Creation

Making Humans Lazy

Unemployment

No Emotions

Lacking Out of Box Thinking

Will AI replace many people's job?

If so, what do we do with these people?

How critical is AI for U.S. Military?

Should nuclear response depend on AI?

How critical is AI for U.S. competitiveness in world commerce?

Why do we not hear from the government or news outlets about AI?

Can you think of personal experiences with AI (online company bots)?

What are some things that AI could make you life easier?

Should countries collaborate on AI to thwart China?