Artificial Intelligence

The term artificial intelligence (AI) refers to intelligence operations that are performed on machines to reproduce the capabilities of the human brain through a combination of algorithms.

Artificial intelligence works in 3 stages. The first is the learning phase, where it uses algorithms to create information from data. The next is reasoning, where it has to make a decision using the information available. Finally, it is self-correction, so it constantly refines its algorithms.

AIs can be grouped in two ways. We can talk about Artificial Narrow Intelligence (ANI), Artificial General Intelligence (AGI) and Artificial Superintelligence (ASI) according to the level of intelligence. In addition, we can also group them according to functionality. Within these we can talk about Reactive Machines, Limited Memory, Theory of Mind and Self-awareness.

Artificial intelligence is already present in many places in our lives. Whether in transport as a self-driving car, in our homes as a robot vacuum cleaner, in smartphones as Alexa or Siri, or even in games as a chess AI.

Significant further development and implementation of current application directions in the future can be expected, but the timeframe for this is questionable. AI will be mostly about optimisation and speed, helping designers working with it to produce designs faster, cheaper and therefore more efficiently. The power of AI lies in its ability to analyse huge amounts of data quickly.

Artificial intelligence has many advantages and disadvantages. Advantages include reducing human error, taking risks for us, and always being available. But it also has the advantage of being able to make decisions and perform actions faster than a human. The disadvantage, however, is that it requires huge costs to create, contributes to people becoming bored and unemployed, and an AI is completely emotionless in the tasks it is given.

My personal opinion is that AI can be used very well, but it cannot replace us everywhere. There may come a time when everything can be done with artificial intelligence, but I do not believe that it will be used in this way because it will be to the detriment of our economy. But that is just my opinion.

Ha nem tudod: „Your question surpasses my very basic level of English.”