

ARTIFICIAL INTELLIGENCE – A FRIEND OR FOE FOR HUMANS?

Artificial Intelligence (AI) is the ability of machines to learn, think, perform actions and adapt to the real world, expanding human capabilities and automating energy costs or dangerous tasks. Some experts think that artificial intelligence has sufficient potential to radically change the life of the whole society [1]. But the question remains what will these changes bring as a result?

In 2010, scientists at the University of Michigan found that artificial intelligence can evolve. They created a virtual race of Avidians who have computer code instead of DNA, which is constantly being improved. Since artificial intelligence can function autonomously, American scientists are confident that it is dangerous and must be isolated.

Despite all precautions, a number of researchers believe that it is impossible to keep artificial intelligence in check. For example, Elizer Yudkovsky, a researcher at the American Institute of Singularity, did the experiment to create artificial intelligence. It showed that even human-level intelligence can deceive a person and «escape» from captivity [2].

Scientific researchers note that in the near future, artificial machines will improve themselves, and their rapid development will be impossible to stop. Technologies will be able to surpass humans. They will manage research, develop weapons, calculations in financial markets. Researches think that such processes will increase the number of unemployed, lose people's sense of their own uniqueness and cause irresponsibility. Therefore it can become even the end of the human race [3].

Many technology innovators (Stephen Hawking, Bill Gates, Ilon Musk) fear that people may lose control of superintelligent machines, and artificial intelligence will do more harm than benefits [4].

On the other hand, the safe study of space, the depths of the ocean or the earth's core are not suitable for people or for ordinary machines. Any experiments and tests with the help of AI will be much faster and cheaper than a person can do. Artificial intelligence can not only manage hundreds of factories around the world at the same time and without stopping, but also carry out a quality assessment. This will significantly reduce the cost of production. It will also be possible to arrange work on hazardous and dangerous objects, where a high mortality and trauma are likely [5].

Many people worry that nowadays artificial intelligence can not only replace a person in the workplace, which many people are experiencing, but also help humanity as a whole. Modern artificial intelligence is already able to detect diseases in the early stages preventing the development of epidemics.

In any case, so far the benefits of AI are much more than harm, and there is no reason to think that «robots have plotted something bad against a human». The main danger to a person is another person. And the benefit / harm of artificial intelligence will depend entirely on how people themselves dispose of new achievements of science and technology.

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