

# **ARTIFICIAL INTELLIGENCE**

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## **Анотація**

У статті розглянуто основні переваги та недоліки штучного інтелекту. Розглянуто розвиток штучного інтелекту за останні роки.

**Ключові слова:** Штучний інтелект, комп'ютер, наука.

## **Abstract**

The article discusses the main advantages and disadvantages of artificial intelligence. The development of artificial intelligence in recent years is considered.

**Keywords:** Artificial intelligence, computer, science.

Artificial intelligence is a branch of science that studies the creation of programs and algorithms that can make computers act like humans. This includes the ability to understand language, problem solving, learning, and more.

Artificial intelligence can be used in many fields, including medicine, business, manufacturing automation, transportation, space, and more. It can help improve the efficiency and accuracy of many processes performed by humans today.

Over the past three years, the development of artificial intelligence (AI) has grown so rapidly that it has become an integral part of our daily lives.

One of the biggest news stories in AI in recent years is the increasing efficiency and accuracy of deep learning models. This allowed AI to be used in more complex tasks such as face recognition, machine translation and voice assistants.

Another big news is the development of autonomous technology, in particular self-driving cars. Many automakers, including Tesla, Ford, and General Motors, continue to develop and test cars that use artificial intelligence to navigate and make decisions on the highway.

Despite the significant speed of development, artificial intelligence has not only advantages, but also disadvantages.

The benefits of AI are that AI can process and analyze large amounts of data much faster than humans. This allows you to solve complex tasks in a much shorter time. Also, artificial intelligence helps recognize faces, analyze medical images and videos, helping doctors make more accurate diagnoses and prescribe effective treatment.

Disadvantages of artificial intelligence include unreliability, it can have a system failure that can lead to serious consequences, also artificial intelligence continues to replace humans in various professional fields, thereby depriving people of their jobs.

So, we can conclude that artificial intelligence makes life easier for someone, and destroys it for someone.

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