

ARTIFICIAL INTELLIGENCE IN 2021

Artificial intelligence has become a familiar news hero. News about AI is very different, from reports of achievements that promise a breakthrough in some area of life to notes about unexpected and ridiculous results of neural networks. Let us present some examples:

- Artificial intelligence sees obesity of people from space;
- AI communicates with people and hates humanity;
- The neural network has developed a flu vaccine;
- The neural network is able to decipher ancient languages;
- Artificial intelligence creates a perfect basil;
- Artificial intelligence is a perfect lover;
- The neural network labels;
- Artificial intelligence identifies depressed workers and demotes

them. Thanks to this development, State Grid Zhejiang Electric Power company, using such sensors since 2014, increased its profit by \$ 315 million. Moreover, headlines, in which the artificial intelligence acts as an actor, often inform that AI is creating something. As a rule, it is some kind of images, music, texts or videos. In addition, AI often detects or diagnoses something, such as cancer, and predicts something, such as the outcome of a sports event. Let us look at some schemes that will show us what artificial intelligence was able to create, identified, predict, find and help.

Artificial intelligence can create songs, poems, secret languages, recipes, paintings, albums and faces of non-existent people. It can detect early cancer from a photograph, age of people from a blood test, depression of people from their dialogue, coronavirus with an accuracy of 98 percent of people through a wall.

The most interesting thing is that AI can predict the winner of any contest, death by fitness bracelet, future by photography, dog behaviour, voting results. The most useful skill for science is that AI can easily and at an extremely fast speed find a suitable drug or antibiotic, and detect previously unknown viruses. Artificial intelligence has been of great help to doctors, farmers, police, military and all businesses.

Neural networks can cope with many complex tasks much faster than humans. Sometimes journalists focus on this inhuman speed. For example, "in less than a second" AI can catch a poacher and recreate the universe. "In a couple of seconds" AI can destroy the city and collect the Rubik's cu-

be. "In less than a minute" AI can diagnose coronavirus and make 12 logos. The title often indicates the year by which the development of artificial intelligence will have reached some kind of significant milestone. Based on these headings, scientists created a rough plan of action for AI:

- 2021 - will be introduced into the power grid in Kaliningrad region;
- 2022 - will be able to express emotions;
- 2023 - will cause layoffs in almost 50 % of firms;
- 2025 - will save banks more than \$ 70 billion;
- 2026 - will solve the problem of cancer;
- 2027 – will reach rat brain level;
- 2028 – will partially replace a human;
- 2030 - will transform cities;
- 2037 - will replace drivers;
- 2039 - will become smarter than a person;
- 2040 - will replace programmers;
- 2047 - will begin to displace a person;
- 2048 - will replace human intelligence;
- 2060 - will surpass man in everything;
- 2062 - will become smarter than a person by 200 % [1].

In 2017 the management of the social networking site «Facebook» was forced to shut down its AI system. The system uses chat bots, which were originally created to communicate with real people, but gradually they began to communicate with each other. At first, they communicated in English, but at some point, they began to correspond in a language that they themselves created in the process of developing the program [2].

Summing up, we can say that the advantages of artificial intelligence cannot be fully appreciated as well as their development cannot be fully predicted. If artificial intelligence is able to learn by itself, then it does not cost anything for it to learn how to recreate its own kind. For a better experience of using AI, it is worth fully tracking its activity.

REFERENCES

1. Artificial Intelligence [Electronic resource]. - 2021. - Access mode: <https://yandex.ru/company/researches/2020/ai-news> - Access date: 13.03.2021.
2. Gadgets 360: Social networking News [Electronic resource]. - 2021. - Access mode: <https://gadgets.ndtv.com/social-networking/news/facebook-shuts-ai-system-after-bots-create-own-language-1731309> - Access date: 13.03.2021.