

ARTIFICIAL INTELLIGENCE AND ART

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Artificial intelligence (AI) is gradually becoming a part of our being. It turns from a mythical subject into a scientific and technical reality and increasingly enters into various aspects of human life, including art. With the development of technology, AI systems are improving and becoming able to perform tasks that were previously available only to humans.

This is of interest to many artists who want to implement AI systems in their work. But what are the consequences of this on the objectivity of the artistic process and the future of art in general?

Artificial intelligence (AI) is a technical process that allows computer programs to develop and learn from large amounts of data. It allows machines to take into account a large amount of information and, based on it, predict and make decisions. Today, many artists use similar systems in their projects to create unique and more accurate works of art [1].

Various technologies, such as generative systems and algorithmic mechanisms, can serve as examples of the use of AI in art. Generative systems allow an artist to create works by changing the parameters and conditions of a certain template. Algorithmic mechanisms are based on the study of data, which is then used to create images.

One of the main advantages of using AI in art is the ability to create works that would be impossible without this technology. For example, an art robot created by the American company "Artmatr" could create unique paintings that would be physically impossible for a person. Thanks to AI, the art robot could

place on the canvas and adjust the thickness, shape and color of the paint used in the work. As a result, this tool made it possible to create unique and interesting works that would otherwise have been impossible.

However, not all the consequences of using AI in art are positive. It is known that the artistic process implies interaction between the creator and the work. This allows the artist to express his intentions, emotions and feelings through his work. AI interference in this process may raise concerns about the loss of originality and quality of creative work [2].

The use of AI can also lead to a reduction in demand for professional artists. Since AI can create works similar to those created by humans, in the long run it can destroy the market for creative professions, including artists, designers, etc.

There are many ways to use AI in art. Intelligent systems can help artists create unique works that would be impossible without such technologies. But at the same time, the use of AI may raise concerns about the reduction of the quality of art and its originality, as well as lead to a reduction in demand for professional artists. Therefore, it is necessary to understand that AI can be a useful tool for an artist, but should not replace or destroy human creativity.

References

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