

ADVANTAGES AND DISADVANTAGES OF ARTIFICIAL INTELLIGENCE AND DIGITAL TECHNOLOGIES

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Annotation: This article presents ideas and reflections on the introduction of artificial intelligence into the educational process and its role in improving the quality of education. In today's rapidly developing world, every learner must keep pace with the times. Among the ideas aimed at developing the field of education, special attention is also given to artificial intelligence. The article discusses both the advantages and disadvantages of artificial intelligence.

Keywords: Artificial intelligence, modern, technology, distance learning, strategy, science, education, automation, internet, social, psychological, physical, individual.

Introduction.

In recent years, the rise of artificial intelligence has shocked society on an economic and cultural level. The modern world is facing revolutionary changes in the fields of digital technologies and artificial intelligence (AI). They are fundamentally changing the entire society, economy, science and everyday life. The emergence of new technologies and the development of AI systems, while creating new opportunities for humanity, also pose various challenges. Therefore, a correct understanding of the importance of digital technologies and AI and their effective application are necessary for both states, organizations and individuals. The field of artificial intelligence is actively developing in Uzbekistan.

Artificial intelligence (AI) has become one of the most relevant topics in the past few years. The main players on the world stage, such as the USA and China, have set the direction for the development of this field. The governments and companies of these countries were among the first to see the potential of artificial intelligence technologies and are ready to invest in their development. Uzbekistan is also among the countries where the results of artificial intelligence are used. In particular, the Decree of the President of the Republic of Uzbekistan on approving the "Digital Uzbekistan - 2030" strategy and measures for its effective implementation has also become one of the topics of the day. Digital technologies represent all technologies used to collect, store, process and transmit information. They are mainly managed through computers, mobile devices, the Internet, databases and other modern devices. The main achievements associated with the development of digital technologies are as follows.

In our country, comprehensive measures are being taken to actively develop the digital economy, widely introduce modern information and communication technologies in all sectors and areas, primarily in public administration, education, healthcare and agriculture. Digital technologies have become so deeply embedded in our lives that today it is impossible to imagine not only our daily activities, but also the development of socio-economic sectors without them. When we say "artificial intelligence", many understand the involvement of robots in various fields. However, the term artificial intelligence does not mean that robots will

replace humans. Its main goal is to expand the boundaries of human capabilities and capabilities. The development of digital technologies and artificial intelligence is leading to profound changes not only in scientific and technological fields, but also in all aspects of everyday life. They are implementing many positive changes, such as making business more efficient, developing medicine and education, and improving communications in society. However, the correct and careful use of these technologies and the reduction of their negative impacts remain an urgent issue. In the future, these technologies are expected to provide new opportunities and serve the further development of humanity. Digital technologies have also had a significant impact on the field of education. Distance learning, online courses, and the possibility of learning automation have provided students and teachers with new learning methods. Artificial intelligence allows for the creation of educational processes tailored to the individual needs of students.

Modernization of the education system expands the possibilities of innovative development of society. It is based on the implementation of new conceptual approaches to the development of education. Now new educational standards allow the introduction of a systematic and active approach to teaching students based on the use of the latest pedagogical technologies aimed at the development of certain competencies and universal educational activities. Modern digital technologies play a major role in education. They save time, automate many processes, provide high-quality control of knowledge, contribute to better assimilation of knowledge, etc. No matter how good computer equipment is, no one can teach children better than a teacher. Digital technologies also allow the development of game methods and the organization of learning as a collective activity of students. The place and role of digital technologies in modern society is high. The manifestation that digital technologies can fully provide is one of the modern methods of improving the educational process at school - the digitalization of education, in particular, the use of information technologies. Modern digital technologies play a big role in education. They save time, automate many processes, provide high-quality control of knowledge, contribute to better assimilation of knowledge, etc. No matter how good computer equipment is, no one can teach children better than a teacher. Digital technologies also make it possible to develop game methods and organize learning as a collective activity of students. The place and role of digital technologies in modern society is high. The manifestation that digital technologies can fully provide is one of the modern methods of improving the educational process at school - the digitalization of education, in particular, the use of information technologies. Informatization of education includes not only the informatization of personnel training, but also one of the modern methods of improving the educational process at school. This includes informatization of educational activities, monitoring and measuring learning outcomes and learning processes, extracurricular, research and scientific and methodological activities, as well as organizational and managerial activities.

Information technologies in the educational process contribute to a deeper assimilation of information in the study of subjects and facilitate the work of teachers during the lesson. Informatization of education includes not only the informatization of personnel training, but also one of the modern methods of improving the educational process at school. This includes the informatization of educational activities, monitoring and measuring learning outcomes, educational processes, extracurricular, research and scientific and methodological activities, as well as organizational and managerial activities. Information technologies in the educational process contribute to a deeper assimilation of information in the study of subjects and facilitate

the work of teachers during the lesson. The implementation of the use of digital technologies in practice is one of the most important directions of modernization. This allows not only to increase the level of training, but also to develop information competencies and reveal the intellectual potential of the individual. At the same time, there are automatic assessment systems for teachers, systems that help in choosing the right teaching materials. The development of artificial intelligence and automation processes can lead to the loss of certain professions and jobs in the labor market. Automated systems will replace many production processes, which can lead to the loss of some workers. This can lead to socio-psychological problems, such as loss of self-esteem or work-related stress.

When used incorrectly or misconfigured, artificial intelligence systems can cause serious problems. For example, decisions made by incorrectly processed data or incorrect algorithms can have serious negative consequences. This problem can have serious consequences, especially in medicine, finance, and hazardous industrial processes.

The widespread use of artificial intelligence systems can affect privacy and security. Data analyzed using artificial intelligence often contains personal information, which in turn poses a risk of violating users' privacy rights. Analyzing the advantages and disadvantages of artificial intelligence, it is observed that its importance in human life is increasing. Advantages such as speed, efficiency, reduction of errors and automation of production allow its application to expand in various fields. Also, the disadvantages of artificial intelligence create problems, especially related to job loss, misuse of technology, safety and ethical issues. To solve these problems and ensure the correct and safe use of artificial intelligence, constant technical and ethical monitoring is necessary.

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