

THE IMPACT OF ARTIFICIAL INTELLIGENCE ON ENGLISH LANGUAGE LEARNING AND TEACHING

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Annotatsiya: *Ushbu maqolada bugungi kunda sun'iy intellektning o'rni, ingliz tilini o'rganish jarayonida ahamiyati, bu jarayondagi imkoniyatlari va kamchiliklari haqida ma'lumotlar berilgan.*

Аннотация: *В статье представлена информация о роли искусственного интеллекта сегодня, его значении в процессе изучения английского языка, а также его возможностях и недостатках в этом процессе.*

Abstract: *This article provides information about the role of artificial intelligence today, its importance in the process of learning English, and its capabilities and shortcomings in this process.*

Key words: *artificial intelligence, Alexa, Siri, algorithms, Grammarly, Babbel, Duolingo, broadcasts*

In today's rapidly developing era, many technologies are emerging that can be used to improve the education system. It is no exaggeration to say that these technologies and technological systems have become the main supporting tools not only in education, but also in many other areas. In particular, innovative technologies and artificial intelligence tools in business, marketing, education, medicine, production, service and many other areas are of great importance. With their help, it is possible to increase productivity, save time, develop advanced innovative ideas, have access to fast information resources and other versatile conveniences.

As everyone knows, learning English is one of the most pressing issues worldwide. In these processes, experts have developed many modern and convenient systems, easy and understandable teaching methods. Humanity is created, strives for simplicity, invents innovations. One of such innovations is artificial intelligence (AI). What is artificial intelligence? How does it affect the process of learning English? - it is natural for questions to arise. Artificial intelligence (AI) is the ability of computer systems to perform tasks inherent in human intelligence, giving them the ability to learn, think logically, solve problems, understand speech and make decisions. It is implemented using mathematical algorithms and software. The main goal of artificial intelligence is to make human activities easier and more efficient. At the same time, it has special applications in virtual assistants (for example, Siri or Alexa), advertising

algorithms and recommendation systems (on Netflix or YouTube), diagnostics in medicine and robotic surgery, and other areas. In addition, artificial intelligence (AI) is currently one of the most widely used innovative tools in learning and teaching English. This technology helps to make educational processes more convenient, interactive and individualized. In addition, AI has the following advantages in learning English: learning platforms and programs developed using AI open up new opportunities for language learners, programs such as Duolingo and Babbel determine the level of knowledge of users and provide individual learning plans, AI accurately assesses pronunciation using voice recognition algorithms and provides suggestions for improvement, tools such as Grammarly analyze the grammatical correctness of the text and offer to correct the identified errors. Through these opportunities, students can learn English individually according to their needs and have their own learning programs. In addition, SI tools immediately show users their mistakes and provide tips on how to correct them. SI saves teachers time by automating test scoring, creating learning materials, and simplifying classroom management.

Learning English is a complex and interesting process. In this, the learner learns not only information about the language itself, but also the culture, customs and worldview of the peoples who speak it. Artificial intelligence applications are very effective in this regard. For example, through the YouTube platform, there is an opportunity to watch holidays, traditions and other ceremonies characteristic of a particular country or nation. In fact, you can witness events in another part of the world through live broadcasts. In addition, learners need to have 4 different skills when learning English. These are speaking, reading, listening and writing skills. Artificial intelligence programs can be of great help in these processes, if they are used appropriately. In improving speaking skills, you can communicate with artificial intelligence in any language, identify and eliminate grammatical and pronunciation problems that occur in speech. In writing skills, you can learn the translations and meanings of words, get information about essay structures and types. In improving reading skills, you can find English books and magazines through artificial intelligence, and gain useful knowledge about how to master this skill. In improving listening skills, you can listen to English podcasts and music through smart programs, and get textbooks on how to form this skill.

Artificial intelligence has many useful features. And today it is becoming the fastest and most unpaid assistant for users. But it also has some negative aspects and effects. For example, it can cause laziness. In most cases, students do their homework without completing their own tasks and do not master the topics themselves with the help of artificial intelligence. In addition, as smart technologies and artificial intelligence tools become important assistants for people, they can perform activities that involve the human factor, and as a result, some people may become unemployed.

In conclusion, artificial intelligence tools can serve as an important guide for people. If they are used correctly. In these processes, a lot of time and money can be saved, and the efficiency of work and study processes can increase several times.

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