



THE IMPACT OF ARTIFICIAL INTELLIGENCE ON ENGLISH LANGUAGE TEACHING AND LEARNING

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Abstract: *The impact of artificial intelligence on teaching and learning English is one of the most relevant and important topics in education today. In a time when technology is developing rapidly, artificial intelligence (SI) is creating opportunities to radically change and improve educational processes. Since learning English has become a global communication language in particular, the role of artificial intelligence in this process is increasing day by day. SI is emerging as an important tool not only in helping teachers, but also in providing education adapted to the individual needs of students.*

Keywords: *artificial intelligence, English, teaching, methods, modern technologies, education, problems, solution.*

The first effect of artificial intelligence in teaching English is the personalization of the learning process. The traditionally taught classes provide the same materials and techniques to all students in most cases. This may make it difficult or inadequate for some students to read. SI-based programs, on the other hand, organize classes individually in accordance with each student's ability, level of knowledge, and learning style. For example, the reader will determine which grammatical rules he has mastered better or which vocabulary he needs to repeat, giving him appropriate exercises. This significantly increases the effectiveness of the educational process and strengthens the self-confidence of the student. Artificial intelligence also helps to increase interactivity in teaching English. Traditional teaching relies heavily on books, notebooks, and teacher explanations, but these methods can often distract or bore students. SI, on the other hand, allows students to practice independently through various interactive platforms, virtual assistants, and



chatbots. These tools provide practical assistance to students in improving their speaking, listening, understanding, writing, and reading skills. Artificial intelligence-assisted speech recognition systems analyze students' pronunciation to identify their errors and provide advice for improvement. Thus, the reader will have the opportunity to work on himself in a situation close to the real conversation environment. Artificial intelligence is a great assistant not only for students, but also for teachers. With the help of SI, it is easier to plan classes, assess the level of knowledge of students and create an individual approach. For example, a teacher can automatically create a variety of questions and exercises for use in their classes, or give feedback to students by quickly evaluating their work. This will reduce the workload of the teacher and he will be able to focus more on creative and important pedagogical tasks. It also uses SI to identify students' weaknesses in the learning process and develop directions for providing them with individual support.[1]

Motivation is important in learning English. SI-based platforms organize the learning process to students in a fun and engaging way. Through gameplay elements, reward systems, and interactive tasks, students increase their interest in learning. This ensures their duration and success in learning the language. For example, language learning apps track user progress, provide encouragement when a learner reaches a new level, and help set future goals. Another important aspect of artificial intelligence is that language learning can be done at any time and place. Students can learn independently using programs developed using SI on any device that has an internet connection. This played an important role, especially during the pandemic, when the importance of distance education increased. The comprehensive accessibility and flexibility of education gives students freedom to set their own time and rhythm of learning.[2]

However, there are also some limitations and problems of artificial intelligence in teaching English. Although technology is developing rapidly, in some cases it cannot completely replace the human factor. For example, the role of the teacher is great in the correct understanding and interpretation of cultural and social nuances, context. Artificial intelligence systems still cannot perfectly understand



these aspects. Additionally, reliance on and difficulty in using technical tools can be a barrier for students in some areas. Attention should also be paid to the issues of data confidentiality and information security.[3]

In the future, it can be expected that the role of artificial intelligence in teaching English will be further enhanced. As technology advances, more complex and efficient systems occur, making the educational process more individual and interactive. It is necessary for teachers and technological professionals to create the best results by working cooperatively. It is also important to improve SI tools, taking into account the needs and cultural characteristics of students.[4]

Conclusion:

In conclusion, artificial intelligence has a huge and positive effect on the teaching and learning of English. It helps to make the educational process individual, interactive and accessible, increases motivation and relieves the work of teachers. At the same time, it is important to maintain the importance of the human factor, taking into account the capabilities and limitations of technology. In the future, the harmonious functioning of artificial intelligence and human pedagogy will serve to ensure more effective and high-quality education. Within the framework of modern requirements for learning and teaching English, the use of artificial intelligence becomes an integral part of the educational process.

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