



ADVANTAGES OF IMPLEMENTING ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN ENGLISH LANGUAGE TEACHING

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Today, the importance of modern technologies, especially artificial intelligence (AI) technologies, is increasing in the education system. The use of AI technologies in the English language teaching process is emerging as an important tool for increasing students' motivation to learn the language, ensuring a personal approach, analyzing learning outcomes, and easing the teacher's workload. Leading educational institutions in the world are creating a learning environment that adapts to the individual needs of students by introducing AI-based platforms such as ChatGPT, Duolingo Max, Grammarly, TalkPal, Elsa Speak, Replika into the language learning process.

The education system of Uzbekistan has also undergone significant reforms in recent years to integrate digital technologies, in particular artificial intelligence, into the educational process. For English teachers, these opportunities allow them to strengthen students' language skills through the effective use of modern methodologies, interactive tools, and automated assessment systems.

Scientific research conducted in recent years proves the positive impact of artificial intelligence technologies on the effectiveness of language teaching. J. Lee (2020) emphasizes in his study that AI tools provide significant results in developing students' pronunciation, listening comprehension, and written speech skills. R. Oxford (2021) also shows that adaptive learning systems in language learning identify students' strengths and weaknesses and determine their individual learning path.[1]



Local researcher A. Abdukodirova (2023) emphasizes that digital platforms in English teaching have the potential to encourage students to learn independently, develop self-control skills, and effectively organize interactive lessons.

Many modern learning platforms, in particular systems such as Duolingo, Babbel, ChatGPT, and Grammarly, simplify the language learning process for students through real-time analysis, error correction, and improved responses. Thus, artificial intelligence tools in the process of teaching English change the traditional relationship between the student and the teacher, creating a mutually interactive, personalized learning environment.[2]

This thesis uses comparative analysis, scientific observation, theoretical generalization, and statistical analysis methods to illuminate the topic. The main goal is to identify the advantages of introducing artificial intelligence technologies in the process of teaching English, analyze their impact on educational effectiveness, and develop practical recommendations.

The data were studied using foreign scientific articles, experiences of international educational platforms, and innovative projects in the education system of Uzbekistan. The methodological approach was based on the constructivist theory of education, since AI technologies stimulate active participation, creativity, and independent thinking of students.

Artificial intelligence technologies create wide opportunities in almost all areas of English language teaching - expanding vocabulary, improving pronunciation, developing written speech, improving listening comprehension and reading skills. The following are the main advantages of AI technologies:

Artificial intelligence-based programs automatically analyze the student's learning pace, errors and level of success and offer an individual learning path that suits him.[3]

For example, on platforms such as Duolingo Max or ChatGPT, the student can complicate or simplify the exercise depending on his level. This method provides personalized education, unlike the general approach in traditional lessons.



Artificial intelligence programs immediately identify errors in the student's written text, pronunciation or grammar and provide recommendations for correction. Tools such as Grammarly or Elsa Speak automatically evaluate written and spoken speech, making it easier for the student to work on himself. This reduces the burden on the teacher and provides instant feedback for the student.

AI technologies allow students to learn English through virtual conversations, voice exercises, simulations, and games. For example, the Replika program develops the student's communication skills in conditions close to real life. This forms the ability of students to use the language in a natural environment.

Through elements of gamification, AI-based platforms encourage students to actively learn. Through a rating system, rewards, and difficulty levels, students track their progress and strive for new goals. This, in turn, increases the duration and effectiveness of the learning process.

Some students experience shyness or fear of making mistakes when communicating in a foreign language. Communication with artificial intelligence allows them not to be afraid of making mistakes, to speak freely, and to express their opinions. This strengthens the student's self-confidence.

SI technologies are a convenient tool not only for students, but also for teachers. With their help, the teacher analyzes the results of students, automatically creates lesson materials, automates the assessment process, and adapts the lesson to individual needs. This allows the teacher to focus more on creative, interactive activities.

SI-based systems collect large amounts of data about student activity, analyze them, and provide strategic recommendations to improve learning outcomes. This is of great importance in improving the quality of education and planning the learning process.[4]

During the pandemic, the importance of online education has increased dramatically. The possibility of organizing the distance learning process interactively, individually, and qualitatively using artificial intelligence has



expanded. Students can learn English anywhere in the world, assess their knowledge, and communicate with the teacher remotely.

In conclusion, the introduction of artificial intelligence technologies in the process of teaching English is one of the most promising areas of modern education. With the help of these technologies, students will receive personalized education, and the language learning process will become effective, interactive and motivating. Teachers will have the opportunity to analyze the learning process, evaluate the results and optimize the lessons.

However, some problems in the implementation of artificial intelligence technologies - the lack of technical infrastructure, low digital competence of teachers, and incomplete mastery of SI tools - need to be solved. Therefore, it is important for English teachers to improve their digital literacy, develop methodological manuals and gradually integrate SI technologies into the educational process.

As a final conclusion, we can say that artificial intelligence technologies not only improve the quality of English language teaching, but also play an important role in forming a culture of independent thinking, creativity and communication among students.

Therefore, the widespread introduction of these technologies into the educational process, in line with Uzbekistan's digital education strategy, will serve to ensure that the future generation becomes a competitive knowledge holder.

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