



AI-SUPPORTED ENGLISH LANGUAGE LEARNING AND ITS IMPACT ON
STUDENT MOTIVATION

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Abstract: This article analyzes how artificial intelligence (AI) can take the education process to a completely new level in the process of students learning English by predicting students' future academic outcomes, the level of knowledge that becomes a factor of each student's success in the learning process, class attendance activity, psychological state, and even positively affecting the effectiveness of extracurricular activities, and how it allows teachers to achieve more due to preventing a uniform approach in the process of teaching students, as well as the teacher-student relationship in conducting class sessions.

Keywords: interactive methods, digital technologies, artificial intelligence, online platforms, individual approach to students, motivation for class activities.

Аннотация: В данной статье анализируются вопросы того, как искусственный интеллект (ИИ) в процессе обучения студентов может вывести образовательный процесс на совершенно новый уровень за счёт прогнозирования будущих учебных результатов студентов, как уровень знаний, активность участия в занятиях, психологическое состояние каждого студента, а также эффективность внеучебной деятельности могут стать факторами успеха в учебном процессе и оказывать положительное влияние, а также как преподаватели могут добиться больших результатов и избежать единообразного подхода в обучении студентов, анализируются взаимоотношения преподаватель–студент при проведении занятий.

Annotatsiya: Ushbu maqolada sun'iy intellekt (SI) talabalarining o'qish jarayonida qanday qilib ta'lim jarayonini butunlay yangi darajaga olib chiqishi, kelajakdagi o'quv natijalarini, jumladan, bilim darajasi, mashg'ulotlarda qatnashish faolligi, har bir talabaning psixologik holati, shuningdek, o'quvdan tashqari faoliyat samaradorligini oldindan bashorat qilish orqali qanday o'quv jarayonida muvaffaqiyat omiliga aylanishi va ijobiy ta'sir ko'rsatishi mumkinligi tahlil qilinadi, shuningdek, o'qituvchilar talabalarga yagona yondashuvdan qochib, qanday katta natijalarga erisha olishi mumkinligi va mashg'ulotlar o'tkazishda o'qituvchi–talaba munosabatlari tahlil qilinadi.

Kalit so'zlar: interaktiv usullar, raqamli texnologiyalar, sun'iy intellekt, onlayn platformalar, talabalarga individual yondashuv, o'quv faoliyatiga motivatsiya.

Ключевые слова: интерактивные методы, цифровые технологии, искусственный интеллект, онлайн-платформы, индивидуальный подход к студентам, мотивация к учебной деятельности.



If each student's strengths and weaknesses are identified using AI, and their future academic achievements are predicted in advance, teachers can make education more individual and effective. The field of artificial intelligence focuses on creating software and systems that enable learning from data, reasoning, understanding natural language, perceiving images and sounds, and making decisions using accumulated data with various tools. In supervised learning, machines learn from sample articles labeled by humans, whereas in unsupervised learning, they study patterns in datasets without specific instructions. Good learning, the latest advancement in machine learning, involves learning large volumes of data using layered neural networks. Here, large volumes of data are fed into algorithms to learn or perform complex tasks[1].

Information about students' educational activities (exam results, class attendance, online tests, homework) is entered into special algorithms. Machine Learning models analyze this information and identify various patterns.

In today's globalized world, English has become one of the most essential skills for communication, education, and professional success. The ability to understand and use English effectively opens doors to new knowledge, international cooperation, and global opportunities. However, learning English requires not only time and effort but also the use of appropriate strategies, methods, and technologies that make the process more engaging and efficient[2].

Learning English effectively means developing all four language skills: listening, speaking, reading, and writing in a balanced and systematic way. According to Harmer "successful language learning depends on meaningful practice, active engagement, and continuous exposure to authentic materials". Therefore, traditional grammar-based approaches should be complemented by communicative and interactive methods that help learners use the language naturally in real-life situations[3].

The effectiveness of learning also depends on motivation and learner autonomy. Students who set clear goals, use digital tools, and practice regularly achieve faster progress. As Brown notes "learning becomes more effective when students take responsibility for their own learning and apply strategies that suit their individual needs and interests". This highlights the importance of using learner-centered approaches that foster self-directed and enjoyable learning experiences.

Moreover, technological innovations such as mobile applications, online platforms, and artificial intelligence tools have made English learning more flexible and accessible. These tools allow learners to practice anytime and anywhere, receive instant feedback, and track their progress[4].

Conclusion In conclusion, the integration of artificial intelligence (AI) tools such as ELSA Speak into the process of learning English represents a significant advancement in modern language education. AI-powered applications provide personalized, data-driven, and interactive learning experiences that adapt to the needs and pace of each learner. Through features such as instant feedback, pronunciation analysis, and real-time progress tracking, students can identify their weaknesses and continuously refine their speaking, listening, and pronunciation skills.



Among these technologies, ELSA Speak stands out as a particularly effective platform for enhancing oral communication skills. By utilizing AI-based speech recognition, it enables learners to practice authentic English pronunciation and intonation in a safe, independent, and motivating environment. The app's adaptive feedback system allows for consistent improvement and fosters learner autonomy key components of lifelong language learning.

However, while AI tools are powerful and innovative, they should be viewed as supplements rather than replacements for traditional instruction. Human interaction, teacher guidance, and collaborative classroom activities remain essential for developing communicative competence, cultural understanding, and contextual language use. The most effective approach combines the precision and personalization of AI with the creativity, empathy, and social engagement of human educators.

Therefore, educators and learners are encouraged to integrate AI-based applications like ELSA Speak strategically balancing digital self-practice with interactive classroom learning. When used purposefully, these technologies can significantly accelerate progress, increase motivation, and make the journey of mastering English more engaging, efficient, and effective.

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