BENEFITS OF ARTIFICIAL INTELLIGENCE (AI) IN LANGUAGE TEACHING

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Abstract

This article examines the expanding role of artificial intelligence (AI) in language teaching and highlights its potential to enhance both learning outcomes and instructional practices. AI technologies—including adaptive learning systems, automated feedback tools, conversational agents, and analytics platforms—enable personalized learning pathways, provide immediate language feedback, and create interactive environments that increase learner engagement. In addition, AI supports teachers by reducing administrative workload and offering data-driven insights into student performance.

Key words: technology, language, chatbot, language feedback

Аннотация

В данной статье рассматривается растущая роль искусственного интеллекта (ИИ) в преподавании иностранных языков и подчеркивается его потенциал для улучшения как результатов обучения, так и методов преподавания. Технологии ИИ, включая адаптивные системы обучения, автоматизированные инструменты обратной связи, чат-агенты и аналитические платформы, позволяют персонализировать учебные траектории, обеспечивать немедленную языковую обратную связь и создавать интерактивные среды, повышающие вовлеченность учащихся. Кроме того, ИИ помогает преподавателям, снижая административную нагрузку и предоставляя основанную на данных информацию об успеваемости учащихся.

Ключевые слова: технологии, язык, чат-бот, языковая обратная связь

Annotatsiya

Ushbu maqolada sun'iy intellektning (SI) xorijiy tillarni o'qitishdagi ortib borayotgan roli ko'rib chiqiladi va uning o'quv natijalarini ham, o'qitish usullarini ham yaxshilash imkoniyati ta'kidlab o'tiladi. Moslashuvchan o'rganish tizimlari, avtomatlashtirilgan fikr-mulohaza vositalari, chatbotlar va tahlil platformalarini o'z ichiga olgan SI texnologiyalari mustaqil o'rganish usullarini ta'minlaydi, tezlik bilan til bo'yicha fikr-mulohazalarni taqdim etadi va talabalarning ishtirokini kuchaytiradigan interfaol muhitlarni yaratadi. Bundan tashqari, SI ish yuklamalarini kamaytirish

va talabalarning o'qish natijalari bo'yicha ma'lumotlarga asoslangan ma'lumotlarni taqdim etish orqali o'qituvchilarga katta yordam beradi.

Kalit so'zlar: texnologiya, til, chatbot, til bo'yicha fikr-mulohaza

Introduction

One of the most important innovations of our time is the development of artificial intelligence. Artificial intelligence is used today for a variety of purposes, but in this article, we will focus on its benefits in the field of foreign language teaching. At first glance, artificial intelligence may seem like a simple program, but when used correctly, it can perform a variety of useful functions. In particular, teachers can easily perform numerous tasks in the field of foreign language teaching and save valuable time. In the field of foreign language teaching, they can study text translation, explore various new methods, create lesson plans, and explore various types of assessments. Teachers can also find and use a variety of necessary materials for teaching language skills. This simultaneously saves teachers time and significantly facilitates their self-improvement.

Learning a new language allows people to communicate with a wider range of individuals. It builds stronger interpersonal skills, improves listening and speaking abilities, and opens pathways to meaningful intercultural interactions. Studying a new language improves understanding of grammar, vocabulary, and structure—skills that transfer to one's first language. Language learners tend to perform better in reading, writing, and overall academic achievement.

Language learning builds self-confidence through overcoming challenges, expressing ideas in new ways, and interacting with people from different backgrounds. It fosters resilience, adaptability, and a lifelong learning mindset.

Learning minority or endangered languages helps keep cultural heritage alive. It ensures that traditions, stories, and knowledge are passed to future generations, fostering respect for linguistic diversity.

The integration of artificial intelligence (AI) into language education has rapidly transformed how teachers instruct and how students learn. AI-powered tools—ranging from adaptive learning systems to conversational chatbots—allow instruction to be more personalized, accessible, and engaging. As language learning relies heavily on meaningful feedback, practice opportunities, and authentic communication, AI has emerged as a powerful complement to traditional pedagogical methods.

Artificial intelligence (AI) has become an influential force in education, particularly in the field of language teaching. Through adaptive learning systems, automated feedback, virtual tutors, and data-driven analytics, AI supports both learners and teachers in creating more effective

language-learning environments. As digital tools continue to advance, educators are exploring how AI can be integrated responsibly to enhance instruction and improve student outcomes (Zawacki-Richter et al., 2019).

Here we can see some advantages of AI in language teaching sphere:

Personalized Learning

The first important advantage of AI in language teaching is the ability to personalize instruction. AI-powered platforms analyze learner errors, track progress, and adjust content difficulty to meet individual needs. This adaptive approach increases learner motivation and efficiency, ensuring that students receive support aligned with their proficiency level (Li & Ni, 2021). Personalization also helps teachers identify students who may need additional guidance.

AI-driven platforms analyze learners' performance, track errors, and adjust lesson difficulty accordingly. This adaptive instruction promotes efficient skill acquisition by targeting individual needs. Tools such as intelligent tutoring systems and grammar-checking algorithms help learners progress at their own pace while receiving timely, tailored feedback.

Immediate Feedback and Assessment

AI enables real-time feedback, which is essential in developing language skills. Automated systems can evaluate grammar, pronunciation, vocabulary use, and fluency within seconds. Speech-recognition technologies allow learners to practice speaking without waiting for teacher availability, offering opportunities for repeated practice in a low-pressure environment (Godwin-Jones, 2022). Such timely feedback accelerates skill acquisition and boosts learner confidence.

AI-Enhanced Engagement

Interactive tools such as chatbots, conversational agents, and AI-based learning games create immersive environments for language practice. These tools mimic authentic communication scenarios and encourage students to participate in meaningful dialogue (Kukulska-Hulme & Shield, 2023). By fostering active engagement, AI contributes to improved communicative competence and learner autonomy.

AI-powered chatbots, virtual tutors, and immersive environments (e.g., VR conversations) simulate real-life communication scenarios. These tools motivate learners by offering game-like challenges, conversational practice, and personalized prompts. By engaging students in interactive dialogue, AI fosters communicative competence and improves confidence in using the target language.

Teacher Support and Workload Reduction

AI does not replace teachers; instead, it enhances their effectiveness. Automated grading, progress tracking, and analytics help educators save time on administrative tasks. Teachers can then focus more on high-level pedagogical tasks such as curriculum design, classroom interaction, and individualized coaching. Studies indicate that educators benefit from data-driven insights that highlight learning gaps and instructional needs (Chen et al., 2020).

AI dramatically cuts time spent on repetitive tasks:

- Drafting lesson plans, worksheets, quizzes, and slides
- Grading low-stakes assignments (with human review)
- Writing emails, announcements, and reports
- Summarizing meetings or long documents
- Finding extra information about the topics of their subjects additionally to their subject programs

It means that teachers gain more time for self-development, instruction, creativity, and student relationships with the help of AI.

Accessibility and Inclusivity

AI technologies also promote inclusivity by supporting diverse learner populations. Tools such as text-to-speech, translation apps, and adaptive interfaces make language learning more accessible for students with disabilities and non-native speakers. AI also enables remote learners—especially those in underserved regions—to access high-quality language instruction (Zawacki-Richter et al., 2019).

Accessibility focuses on ensuring AI systems are usable by people with **disabilities** or diverse access needs.

Examples of accessible AI functions may contain:

- Text-to-speech and speech-to-text
- Automatic captioning for audio and video
- Image descriptions for visually impaired users
- Adaptive interfaces (font size, contrast, simplified layouts)
- Support for screen readers and keyboard navigation
- Real-time translation and sign-language recognition (emerging)

Conclusion

AI has become an invaluable helper in language teaching, improving personalization, engagement, and accessibility while supporting teachers in delivering more effective instruction. As AI technologies continue to evolve, their role in shaping innovative and inclusive language-

learning experiences will only grow. Responsible integration—combined with pedagogical expertise—promises a future where language education is more efficient, equitable, and learner-centered.

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