

THE IMPORTANCE OF AI IN LEARNING LANGUAGES

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Abstract: Artificial Intelligence AI is changing the way which is taught and learned. With the aid of AI technologies, learners can obtain education which is adapted based on personal needs. Additionally, equipments such as virtual aids, using software translations and analysing them at the same time it makes learning quickly, more conducive and more efficient. This findings investigate the importance of AI in language learning, its benefits, and scientific researches about AI.

Keywords: artificial intelligence, language learning, chatbot, AI platforms, technologies, innovations, human interactions.

Аннотация: Искусственный интеллект (ИИ) меняет способы преподавания и изучения языков. С помощью ИИ-технологий учащиеся могут получать образование, адаптированное к их индивидуальным потребностям. Кроме того, такие средства, как виртуальные помощники, программные переводчики и их одновременный анализ, делают процесс обучения более быстрым, удобным и эффективным. В статье рассматривается значение ИИ в изучении языков, его преимущества, а также научные исследования, посвящённые этой теме.

Ключевые слова: искусственный интеллект, изучение языков, чат-бот, платформы ИИ, технологии, инновации, взаимодействие человека и машины.

Artificial Intelligence (AI) has become a leading force worldwide on field of education, especially in language learning. Due to the rapid and effective development of AI technologies, learners are now able to acquire new languages through various methods quickly and efficiently.

This article explores how learners benefit from AI platforms and tools, what results they achieve using these technologies. It also highlights the importance of AI in language learning and presents opinions from researchers on this topic.

The main idea of this paper is to explore the conveniences and methods developed by researchers using AI to support language learner. For example, one such innovation is smart language-learning application Ibrat Farzandlari, designed specifically to help users learn new languages more effectively. When a learner

wants to start a new language, the AI system assesses their current level and creates a personalized study plan. It then guides them through interactive lessons based on their ability. As learners progress and pass the tests provided, the system gradually increases the difficulty of the content according to their learning pace. In this way, learners can actively participate in the process and achieve rapid progress. With the help of AI, mastering a new language becomes faster and more efficient.

Another example of AI in language learning benefits in education, learners receive immediate corrections on grammar, pronunciation, and vocabulary. They can also study any time and anywhere with platforms. {Dr. Hayo Reinders, Professor of Education at Unitec Institute of Technology, explains “AI can provide personalized support for learners, helping them practice language skills in a safe environment and receive immediate feedback. However, human interaction is still crucial for developing real-world communication skills.”}

Another significant advantage of AI in language learning is the use of chatbots for vocabulary acquisition. Chatbots have become increasingly advanced and accessible, offering learners an interactive and engaging way to practice language skills. Through daily conversations, quizzes, or flashcard-based activities, learners can memorize new words and improve their vocabulary more effectively. In particular, AI-powered dictionaries such as Wisdom Dictionary and various monolingual dictionary platforms provide users with rich definitions, usage examples, synonyms, and even pronunciation assistance. These tools create a more intuitive and efficient way for learners to study new words in context. Researchers have also emphasized the importance of using chatbots and intelligent dictionaries in language learning. Dr. Beatty Ken, an expert in applied linguistics notes: “Chatbots can support autonomous vocabulary learning by providing immediate interaction and context-based repetition, which are both essential for long-term memory retention. Additionally, Dr. Pamela Rogerson-Revell, Professor of Applied Linguistics at the University of Leicester, explains: “Using AI-powered dictionaries allows learners to engage with language in a more meaningful way. Instead of passive memorization, learners actively use and explore new vocabulary, which strengthens language retention.”

In today's rapidly evolving world, language learning holds greater importance than ever before, and Artificial Intelligence has become a powerful catalyst in this process. AI-driven tools such as personalized learning applications, chatbots, and smart dictionaries offer learners tailored, interactive, and efficient ways to acquire new languages. These technologies adapt to individual needs, provide real-time feedback, and make vocabulary building more engaging and accessible. Experts widely acknowledge that while AI enhances language acquisition by supporting personalized and flexible learning, it should complement, not replace, traditional teaching methods and human interaction. Ultimately, the integration of AI in language education represents a

promising step toward making language learning faster, more inclusive, and more effective for learners worldwide.

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