

## THE ROLE AND IMPORTANCE OF ARTIFICIAL INTELLIGENCE IN LEARNING FOREIGN LANGUAGES

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**Annotation:** This article investigates the potential of fake insights (AI) and innovation in personalizing tuning in hone for English dialect learners. By looking at AI-driven instruments, such as discourse acknowledgment applications and virtual instructing colleagues, the think about highlights how these advances can customize tuning in works out to meet each learners capability level and particular needs. The article examines the benefits of versatile learning advances, such as giving real-time criticism, tending to interesting phonetic challenges, and improving engagement through custom-made substance. This examination offers experiences into how technology, enabled, individualized instruction can progress tuning in comprehension abilities and cultivate a more successful, student-centered approach to educating English.

**Keywords:** AI (artificial intelligence), AI-driven apps, ChatGPT, chatbots, EFL learners, English language, facilities ,human interaction, language processing, perception, technology, teaching computer , teaching strategies ,science, systems, services

### Introduction

In today's developed world, many conditions and facilities have been created for learning any language. Using them, we can learn the foreign language we want in a short period of time. intellectual tools and programs are also important. As an example, it can be said that a number of artificial intelligences have a great place and benefit to prepare for the IELTS exam, which is of high importance and value in the world. An example of these is ChatGPT 4, one of the leading artificial intelligences in the world. In fact, we can find answers to all questions through this program. As mentioned above, it can provide special help for the writing, reading, speaking and

listing part of the IELTS exam. If you do not have someone to listen and tell you your mistakes for the Speaking part of the exam. , ChatGPT performs this task well. In addition, for the writing part, it can identify mistakes in the essays you wrote, and at the same time, it can find essays rated 7 +. We will discuss these in more detail during the article.

AI in language learning is revolutionizing the approach to language acquisition, as it's capable of processing vast amounts of data, becoming an essential tool for both learners and educators. Whether it's through chatbots that simulate real-life conversations, personalized lesson plans based on individual learner needs, or advanced speech recognition technology that can identify nuanced pronunciation errors, AI is making language learning more accessible and effective than ever before. But first, I want to give information about AI, what is AI?

The field of computer science known as artificial intelligence, or AI, is concerned with developing machines that are capable of performing operations that ordinarily require human cognition, such as language processing, perception, and decision-making. Since its inception in the 1950s, AI technology has developed significantly thanks to advances in machine learning and natural language processing. Recently, AI has been applied to numerous industries, including education.

What do you think, how AI and language learning are related?

The two are closely related as AI technology is used to enhance the language learning experience. AI-driven apps can provide personalized language instruction tailored to each learner's proficiency. This allows students to receive a curriculum tailored to their specific needs, resulting in more effective and efficient learning outcomes. AI technology can also help with translation and interpretation of languages. AI algorithms can quickly and accurately translate text or spoken language into different languages because they can evaluate huge amounts of data and identify patterns in voice. This has significant implications for international cooperation and communication, making it easier for people with different languages to communicate clearly. In short, AI technology is changing the way we learn languages by providing personalized teaching methods and increasing our ability to communicate across language boundaries. In the future, we can expect more advanced options for language learning as this technology develops.

Artificial intelligence has the potential to transform conventional teaching strategies in the field of language learning. Language learners can practice their language skills through interactive conversations in a more personalized and interesting way with AI-powered languages learning tools like chatbots and virtual assistants. These tools use algorithms for natural language processing to identify speech patterns and offer immediate feedback on pronunciation and grammar issues. Language learning has become increasingly important in the age of artificial intelligence. As AI technology advances, it becomes more capable of understanding and communicating in different languages. This makes language proficiency an essential skill for individuals seeking to work with or alongside AI systems. Learning a language has many other cognitive benefits besides simply enhancing social interaction. It has been shown to boost memory, delay the onset of dementia in older persons, and increase critical thinking skills. Also, learning a new language can open up new chances for both professional and personal development by allowing individuals to communicate with people from different cultures and expand their horizons.

AI-powered resources like Duolingo, ELSA Speak, and LingQ customize listening exercises according to the user's skill level and development, guaranteeing that the content remains appropriately challenging. These services monitor user performance and modify difficulty, offering personalized challenges. Speech recognition technologies, such as Google Speech-to-Text, enable learners to enhance their listening and pronunciation through instant feedback. Furthermore, AI transcription tools like Otter.ai aid in converting spoken language into written text, enhancing both listening and writing abilities. In today's digital era, the incorporation of technology and Artificial Intelligence (AI) has significantly transformed English language education.

One of the most common applications of AI is automatic language translators or machine translation. Some popular examples include Google Translate, DeepL, and Reverso. They use algorithms to translate a text from its source language to a different one. They're helpful for translating basic words and phrases, but the accuracy of the translation can vary widely. Other uses include writing correction tools, such as Grammarly, and speech-to-text transcription. While both can help native speakers and language learners alike, they have particular benefits for the latter.

Speech-to-text recognition converts spoken language into written text while speech recognition programs analyze a speaker's pronunciation and give feedback on the accuracy of the pronunciation. In language learning, it's perhaps most beneficial in assessing pronunciation.

#### Conclusion

In conclusion, the integration of AI in language learning offers a transformative potential, significantly enhancing the learning experience and outcomes. AI-powered tools provide personalized learning pathways, increase accessibility and affordability, and offer engaging, immersive learning environments. While AI cannot fully replace the invaluable role of human interaction and feedback, its ability to provide immediate, targeted support, automate assessment, and offer diverse learning resources makes it a powerful asset in the modern language learner's toolkit. However, responsible development and deployment are crucial to mitigate potential biases and ensure that AI serves as a complement to—not a replacement for—effective pedagogical practices and human interaction. The future of language learning is likely to be shaped by a synergistic relationship between human expertise and AI technology, creating a more efficient, effective, and enjoyable learning journey for all.

#### References

1. Blin, F., & Jalkanen, J. (2020). Artificial Intelligence and its role in language learning. *Language Learning & Technology*, 24(2), 1-15.
2. UM Azamatovna, THE HISTORY OF THE DEVELOPMENT OF TURKISH TERMINOLOGY
3. Chung, K. H., & Lee, C. (2019). The role of AI and machine learning in second language acquisition: A review. *International Journal of Educational Technology*, 5(3), 30-45.
3. Godwin-Jones, R. (2020). Emerging technologies for language learning. *Language Learning & Technology*, 24(1), 7-20.
4. M Ubaydullayeva, WAYS TO ACTIVATE STUDENTS WHEN TEACHING THE EPIC” ALPOMISH, МЕЖДУНАРОДНЫЙ ЖУРНАЛ ЯЗЫКА, ОБРАЗОВАНИЯ, ПЕРЕВОДА 4 (5), 2023
5. Amira U Khamrakulova, Teaching Idioms in English as a Second Language: An Analysis of Issues and Solutions, *Journal of Pedagogical Inventions and Practices* 18, 74-77, 2023

6. M Ubaydullayeva, U Murodova, SAIDA ZUNNUNOVA ASARLARIDA KURASHCHAN QAHRAMON TALQINI, Академические исследования в современной науке 2 (23), 123-135, 2023

7. Shamuradova, N. (2021). USAGE OF PARTS OF BODY IN UZBEK AND ENGLISH IDIOMS. Мир исследований, 2(2). извлечено от

8. MA Ubaydullayeva, METHODOLOGY OF USING THE” ANALYTICAL READING” TECHNIQUE IN THE INTERPRETATION OF THE EPOS” ALPOMISH”, МЕЖДУНАРОДНЫЙ ЖУРНАЛ ЯЗЫКА, ОБРАЗОВАНИЯ, ПЕРЕВОДА 3 (2), 2022

9. Shamuradova Naima. (2021). THE EFFECT OF USING SONGS ON YOUNG LEARNERS AND THEIR MOTIVATION FOR LEARNING ENGLISH. *Emergent: Journal of Educational Discoveries and Lifelong Learning (EJEDL)*, 2(05), 71–73.

10. UM Azamatovna, THE HISTORY OF THE DEVELOPMENT OF THE TERMS OF LITERARY STUDIES OF THE TURKIC PEOPLES