

ARTIFICIAL INTELLIGENCE IN LANGUAGE ACQUISITION: PRESENT APPLICATIONS AND FUTURE POSSIBILITIES

Azizova Fotimaxon Saidbaxramovna
Doctor of philosophy on pedagogical science PhD
Uzbekistan State World Language University (Tashkent, Uzbekistan)
The department of theoretical aspects of the English language
To'xtaniyozova Gulmira To'lqin qizi
Bachelor's Students of Uzbekistan State World Language University (Tashkent,
Uzbekistan)

Abstract

AI is revolutionizing foreign language learning through personalization and real-time feedback. This article examines its role, future potentials, and key concerns like ethics and overreliance on technology.

Key words: Artificial Intelligence, foreign language learning, interactive tools, adaptive lessons, personalizing, real-time translation, virtual learning, immersive language environment.

Introduction

In today's fast-paced world, Artificial Intelligence (AI) is not futuristic concepts anymore. It has already integrated in our daily lives as various kinds of tools with various kinds of objectives, even in language learning making the process more personalized, efficient, and accessible with adaptive learning process besides automated translation. However, the real question is if AI can truly enhance the acquisition? Will it really replace traditional teaching methods? And how it can shape the future of learning foreign language in this growing impact? In this article, the current available application of AI in language and its potential further developments, upcoming challenges, its role in the future language acquisition will be explored.

Most of today's up-to-date platforms are integrated on the basis of artificial intelligence to create more convenient, faster working system as a response for an urge of the age. Language learning platforms like ChatGPT or Duolingo are

considered as most renowned AI-powered platforms for educational purposes and truly succeed and have been succeeding till now with its high rank of its users among the 1.5 billion people who are learning second language worldwide. Since ChatGPT is available in various languages that enable users the advanced voice modes to practice conversational skills besides its in-second generating system to satisfy learners' imposition for information whereas Duolingo has innovative feature of AI such as the 'Video Call', allowing users to having conversation with AI characters, and 'Adventures' which offers 3D game-like scenarios for practical language practice. It is obviously seen that they don't need to be guided by supervisor or companion of human to communicate in target language in any time and in any languages as presence of humanity is fulfilled by AI system, particularly for diffident, introverted and unconfident individuals. Conversational tools like them are functioned speech recognition to provide immediate feedback on both grammar and pronunciation with refining their speaking skills via 24/7 available access.

Besides learning platforms availability, AI can personalize the learning experiences. These platforms address the focus on the specific strengths and weaknesses to enhance efficiency of individuals learning after analyzing the received data about the learner's individual academic position. Platforms has NPL (Natural Language Processing) utilizing tool to assess student's language proficiency, suggest adaptive lessons adjusting complexity of content accordingly which also ensure an optimal challenge level.

In this growing importance of AI day by day, possibilities will also be improved in the future while keeping offering much more efficiency and engagement in language learning acquisition via hyper-personalized learning, which is able to dissect the personal preferences and make tailor strategy. Moreover, integration of AI with virtual reality and augment reality technologies can create immersive learning experiences. Learners can have an opportunity to practice and experience the scenarios in stimulated real-life and become proficient. The real-time translation and ceaseless communication help speakers to overcome

language barriers in global interactions. Providing immediate, detailed feedback on language use is additional feature aiming correction in grammar, pronunciation, vocabulary that is effective in self-assessment and personal improvement.

However, there are still challenges that should be cared for such as overreliance, privacy and ethical concerns beyond the contextual misunderstanding and probable deficiency of technological infrastructures. Because students tend to use helpful AI tools after working with them closely for a period of time and AI can struggle with fully grasping the subtleties and cultural meaning in human language. Developed technologies are limited in some area around the world that can make using language learning application quite challenging for them. And most of them, privacy of their personal data is the top concern in social network as users are always required to be careful for ethical cautions.

Conclusion

AI is changing foreign language learning making it more personalized, engaging, and accessible. It gives real-time feedback, adaptive lessons, and AI-powered conversations. It will create more immersive learning environment and improving immediate translation. However, challenges like data privacy, overreliance on technology, and need of human factor are still considered. Finding a balance between traditional methods and AI application promotes the support instead of their replacement.

References:

1. Artificial Intelligence in Foreign Language Learning and Teaching: A call for Intelligent Practice by Torben Schmidt and Thomas Strasser.
2. AI for Language Learning: A New Era in Language Acquisition on myexeed.com
3. <https://bridge.edu/tefl/blog/ai-language-learning/>