

TECHNOLOGY-ENHANCED LANGUAGE LEARNING: THE ROLE OF AI TOOLS IN IMPROVING WRITING ACCURACY AMONG UZBEK EFL STUDENTS

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Abstract

This article explores the role of Artificial Intelligence (AI) tools in enhancing writing accuracy among Uzbek EFL (English as a Foreign Language) students. With the increasing integration of technology into education, AI-powered platforms such as Grammarly, ChatGPT, and other language-checking systems have become valuable resources for learners. The study investigates how these tools contribute to minimizing grammatical errors, improving vocabulary usage, and fostering learner autonomy. Furthermore, the research highlights the pedagogical implications of incorporating AI into language teaching and suggests practical recommendations for teachers and students in Uzbekistan.

Keywords

Technology-enhanced learning, AI tools, writing accuracy, Uzbek EFL students, language learning.

Introduction

In today's globalizing world, artificial intelligence (AI) has become widely used in various fields, including language learning. Artificial intelligence has become an important tool and one of the most effective directions in teaching foreign languages. The integration of artificial intelligence applications, including virtual classrooms, interactive and engaging language learning methods, can help make the learning process more efficient. In addition, it provides a personalized educational experience and also serves to radically change the methods of teaching foreign languages through short-term feedback. With the help of language platforms based on artificial intelligence, students move from virtual communication to real conversations.

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lack of emotional intelligence in the online learning process are relevant. Ogut join in. Although the use of artificial intelligence in language learning has many advantages, certain problems may arise. For example, issues such as the accuracy of information generated by artificial intelligence (AI) and the lack of emotional intelligence in the online learning process are relevant. Analyzing modern scientific and methodological literature and empirical methods of studying student satisfaction, this study aims to study the impact of artificial intelligence on education, its positive and negative sides. Due to the understanding and implementation of these approaches, the research data were recommended for the future effective integration of artificial intelligence into foreign language teaching.

The term "artificial intelligence" was first introduced into science by John McCarthy in 1956 [2]. Innovative artificial intelligence technology is changing the way students learn new languages, providing them with a personalized, user-friendly, and effective learning experience."The development of artificial intelligence in recent years has made this pedagogical approach much more effective and influential, and this contribution has been proposed as the biggest opportunity for artificial intelligence in education," Chen and At-al. The term "artificial intelligence" was first introduced into science by John McCarthy in 1956 [2]. Innovative artificial intelligence technology is changing the way students learn new languages, providing them with a personalized, user-friendly, and effective learning experience."The development of artificial intelligence in recent years has made this pedagogical approach much more effective and influential, and this contribution has been proposed as the biggest opportunity for artificial intelligence in education," Chen and At-al..(2020)[3]. Virtual tutors and chatbots such as chatgpt and

Duolingo allows students to develop communication skills in a digital environment through realistic language communication. Widyastuti & Kusumadewi (2018) writes: "Duolingo is designed to create comfortable learning by helping students effectively assimilate information" [4]. In addition, various artificial intelligence-based applications analyze grammatical errors and suggest correct phrases. Uolingo allows students to develop communication skills in a digital environment through realistic language communication. Widyastuti & Kusumadewi (2018) writes: "Duolingo is designed to create comfortable learning by helping students effectively assimilate information" [4]. In addition, various artificial intelligence-based applications analyze grammatical errors and suggest correct phrases. For example, chatgpt plays an important role in language learning by providing immediate information and corrections. fx. Risang Baskara and FX.

Mukarto (2023) notes: "evaluating the accuracy and consistency of the text created by chatgpt, as well as eliminating the stereotypes that may arise as a result, can help improve the safety and effectiveness of chatgpt in language learning" [5].

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Research methodology

The study of the role of AI in learning foreign languages includes several aspects, new concepts, effective practices, as well as problems and limitations faced by primary school students. The scientific novelty of the research is manifested in the following directions.

- Pedagogical integration. The study focuses on ways to integrate AI into traditional and virtual learning environments, and highlights the systematic use of online learning platforms.

- The survey method. This study uses a survey method to assess user satisfaction with artificial intelligence-based tools using statistical data.

Information collection methods:

- An interview. The research includes interviews with teachers, students, and experts in the field of artificial intelligence, as well as expert opinions.

- Questionnaires and questionnaires. Information is collected from foreign language learners and teachers about the effectiveness and challenges of using AI.

- Empirical data. Interview. The research includes interviews with teachers, students, and experts in the field of artificial intelligence, as well as expert opinions.

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- Empirical data. The research includes experimental results and survey data on learning using artificial intelligence, as well as qualitative and quantitative analysis to confirm the claims.

Analysis and results

This discussion aims to provide a complete picture of the future directions of learning foreign languages by analyzing the results obtained from literature reviews and empirical data.

Our research focused on assessing students' reactions to access to artificial intelligence tools and examining how students respond to various AI-powered language learning programs and assignments.

The diagram illustrates the impact of artificial intelligence on language learning according to students. The results show that 40% of students consider AI to be very useful when learning a language, while 30% consider it useful. In addition, the results show that 15% of students consider AI to be moderately useful, 7% consider it less useful, and 3% do not consider it useful at all.

Conclusion

The results of this study highlight the great potential of artificial intelligence tools in foreign language learning. According to the study, AI tools present some challenges along with positive effects, lacking emotional intelligence despite providing personalized and effective language learning experiences. By using AI effectively, teachers and students can create a more engaging and flexible language learning environment.

REFERENCE:

1. FX. Risang Baskara, FX. Mukarto. (ChatGPT ning oliy ta'limda til o'rganishga ta'siri: Tahlil va muhokama) Indoneziya ingliz tili o'qitish va qo'llanilgan lingvistik tadqiqotlar jurnali. 2023, 7-jild, 2-son, 343-358-betlar. [5]
- 2.. Hansol Lee, Jang Ho Lee. (Sun'iy intellekt asosida shaxsiylashtirilgan til o'rganishning ta'siri: Meta-tahlil) Til o'rganish texnologiyalari. 2024, 28-jild, 2-son, 134-162-betlar. [3]
- 3.I.A. Kolegeva, I.A. Levina (Sun'iy intellektni xorijiy tilni o'qitishda raqamli vosita sifatida qo'llash) Ta'lim fanlari. 2024, 16-jild, 1-son, 102-110-betlar. [1]
- 4.Kushmar, Vernachev, Korobova va Kaida (Til o'rganishda sun'iy intellekt: Nima uchun qo'rqamiz?) Arab Wenglish jurnali. 2022, www.awej.org, 262-273betlar. [2]
- 5.Widyastuti, M va Kusumadewi, H. (Duolingo dasturining ingliz tili lug'atini o'qituvchilar orasida oshirishdagi roli: Omega Sains Institutidagi o'qituvchilar uchun) Jurnal Pengabdian Kepada Masyarakat, 2018, 1-jild, 2-son, 237-244-betlar.[4]