

THE ROLE OF ARTIFICIAL INTELLIGENCE IN TEACHING WRITING SKILLS TO ADULT LEARNERS

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Abstract: This article provides complete information about teaching writing skills for learners and Artificial Intelligence. This paper aims to understand the function of AI. The findings indicate that AI provides a positive learning environment for learning English. With the advancement of technology and platforms, learning English has gotten simpler. Artificial intelligence technology provides the chance to enhance English linguistic competence. Students may comprehend English more quickly because many different learning technologies are available. These technologies include ChatGPT, Chatbot, Duolingo, and many others.

Keywords: *Artificial Intelligence (AI), Academic essay, advantages of AI, Teaching Writing skills with AI, English Learning, Machine Learning.*

Аннотация: В этой статье представлена полная информация об обучении учащихся навыкам письма и искусственном интеллекте. Цель этой статьи — понять функцию ИИ. Результаты показывают, что ИИ обеспечивает позитивную среду обучения для изучения английского языка. С развитием технологий и платформ изучение английского стало проще. Технология искусственного интеллекта дает возможность улучшить лингвистическую компетентность в английском языке. Студенты могут быстрее понимать английский язык, поскольку доступно множество различных технологий обучения. К этим технологиям относятся ChatGPT, Chatbot, Duolingo и многие другие.

Ключевые слова: *искусственный интеллект (ИИ), академическое эссе, преимущества ИИ, обучение навыкам письма с помощью ИИ, изучение английского языка, машинное обучение.*

Annotatsiya. Ushbu maqola o'quvchilarga yozish ko'nikmalarini o'rgatish va sun'iy intellekt haqida to'liq ma'lumot beradi. Ushbu maqolaning maqsadi AI funktsiyasini tushunishdir. Topilmalar shuni ko'rsatadiki, AI ingliz tilini o'rganish uchun ijobiy o'rganish muhitini ta'minlaydi. Texnologiya va platformalarning rivojlanishi bilan ingliz tilini o'rganish ancha osonlashdi. Sun'iy intellekt texnologiyasi ingliz lingvistik malakasini oshirish imkoniyatini beradi. Talabalar ingliz tilini tezroq tushunishlari

mumkin, chunki turli xil ta'lim texnologiyalari mavjud. Ushbu texnologiyalarga ChatGPT, Chatbot, Duolingo va boshqalar kiradi.

Kalit so'zlar: *Sun'iy intellekt (AI), Akademik insho, sun'iy intellekt afzalliklari, sun'iy intellekt bilan yozish ko'nikmalarini o'rgatish, Ingliz tilini o'rganish, mashina orqali o'rganish.*

Introduction. Writing is a skill that students use in a variety of courses to convey ideas, relate experiences, narrate stories, and explain their points of view. Nonetheless, writing is widely regarded as one of the most difficult skills for foreign language learners to master. Foreign language students frequently find challenges when attempting to explain their ideas in written form due to the requirement to be attentive of grammar. Writing consists of several processes, including organizing and managing ideas, putting those ideas on paper, and rewriting and reviewing the written output. When writing, pupils must examine many aspects such as grammar, vocabulary, and content. Furthermore, writing has various components, including theory, technique, language, organization, and the conceptualization of ideas. In some schools, teachers may contribute to pupils' disinterest in writing. It is frequently connected to the success of the instructional methods used by instructors. The writing instruction technique is sometimes uninteresting, with a high emphasis on the instructor as the major character and little interaction for idea-sharing among students or between students and the teacher. Teachers sometimes give just basic explanations of the content, which does not promote effective writing teaching. And many students notice English writing as especially tough owing of grammatical standards, which make getting started difficult. Furthermore, they lack confidence in their writing talents and frequently turn to utilizing Internet translations to help with the writing process.

Artificial Intelligence is changing how people learn, especially in writing. It helps adults improve their writing skills by giving them personalized and interactive lessons. AI technology is making writing instruction more fun and effective for adults, helping them become better writers in their own unique way. AI is like a smart computer that helps adults get better at writing. It can look at a lot of information, give personalized advice, and create fun ways to learn. With AI tools, teachers can make writing lessons that fit each person's needs and make learning more exciting. AI is changing how adults learn to write by giving them helpful feedback, fun activities, and useful information. It's making writing lessons better and more personalized for everyone.

Theoretical background. Artificial intelligence is a technology that is actively being developed. A variety of artificial intelligence technologies have been used to increase computer creativity. According to Rahman (2009, p. 343), artificial intelligence

creates computer systems that filter information and do autonomous activities such as computation or student search. AI generates "intelligent" items such as computer systems (online platforms) and robots that function and behave in ways comparable to human brains (Karsenti, 2019) Artificial intelligence (AI) is an area of computer science that studies and develops intelligent devices and software. It is the science of getting a computer to think and behave like an intelligent person. According to Whitby (2009), AI aims to comprehend intelligent behavior in humans, animals, and technology. Artificial intelligence is derived from the terms "artificial" and "intelligence" (Ahmet, 2018). The phrase "artificial" refers to anything mimicked but not completely false in the sense of being a fake. At the same time, "intelligence" may replace actual commodities due to its better attributes. The term "intelligence" is somewhat confusing. It includes a range of forms, such as consciousness, emotional awareness, self-knowledge, readiness, and creativity.

Theoretically, an AI-powered computer system can do tasks that would normally need human intelligence. Speech comprehension, language awareness, decision-making, and visual perception are some of the human intellect's capabilities that artificial intelligence can understand. According to Joshi (2019, p. 4), AI may not imply building a smart machine capable of solving every problem, but rather constructing a gadget that functions similarly to a person. Artificial intelligence seeks to develop computer programs or hardware devices that demonstrate human intelligence or think like humans (Campeato, 2020) Artificial intelligence (AI) is a subject of computer science that focuses on robots' ability to think and behave in ways similar to humans. Machines help solve complex problems in a way that is more like human reasoning (Sridhar, 2018). This entails altering components of human intelligence to function well with computers. AI may mimic human activities such as language acquisition, planning, decision-making, and other cognitive tasks (AI). Gayed et al. (2022) demonstrated the positive impact of AI writing tools on students' writing proficiency and self-efficacy. Such tools have proven to be valuable aids for learners, especially in providing timely feedback and improving writing skills. However, Makarius et al. (2020) highlighted the need for further improvements in AI tools to enhance their contextual understanding and effectiveness across diverse subject areas. AI's integration into academic essay writing also raises questions about the role of educators and ethical considerations.

Methodology: Research has looked into the many functions of these AI tools and how they affect students' learning experiences, writing productivity, and writing quality. Higher education is becoming increasingly interested in the use of artificial intelligence (AI) in academic essay writing. Writing tools driven by artificial intelligence (AI) have

become increasingly popular as useful tools for authors and students, providing a range of features to facilitate the writing process. A large body of research has examined the efficacy of AI writing tools in higher education environments. For example, studies by Miranty and Widiati (2021) and Almusharraf and Alotaibi (2023) looked at how undergraduate students' writing abilities were affected by Grammarly, an AI-based grammar and style checker. According to the study, pupils who used Grammarly outperformed the control group in terms of writing quality and grammatical accuracy. The possibility of using AI language models, such as ChatGPT, to help students create content has been studied. In a study by Rospigliosi & Farrokhnia (2023) ChatGPT was used to help graduate students come up with research ideas. The findings showed that while students still required to edit and expand on the created content, the AI-generated content was helpful in giving preliminary ideas and organizing the suggestions. The employment of AI writing tools in higher education has raised ethical questions that have been investigated. The results underlined the necessity of appropriate instruction and direction on the use of AI tools in order to prevent plagiarism concerns and maintain academic integrity.

Another Artificial Intelligence is Chatbot

The newest technology created to connect with both people and computers automatically are chatbots, one of the artificially intelligent conversational systems (Nghi et al., 2019). Previous research has shown the effectiveness of chatbots as a learning tool, particularly for English language learners (Afrianto et al., 2019). The created chatbot application will function as a conversation buddy for English learners and teachers. In general, conversations may be conducted either vocally or in writing, and therefore, the user should be able to practice both. Grammar mistake correction and a daily record feature are required to support the goal of the chatbot application as a tool for English conversation training. The replies received included descriptions of the problems, recommendations for words or phrases to replace them, and locations of the faults. This aims to reduce grammatical mistakes made by the user. Because of this, the daily log feature helps determine how much the user's practice has improved their grasp of English conversation and the structure of sentences. Users get more comfortable with conversational English via this method and receive feedback on their practice and any errors they may have made. The message the user enters is the first item the fundamental chatbot function analyses. The chatbot and NLP (Natural Language Processing) could decipher the message's meaning by comparing it to the information already included in the database (Haristiani, 2019).

Artificial intelligence (AI) uses computers and other machines to accomplish complicated tasks typically associated with the human mind — like problem-solving and decision-making (Aboul Ella Hassanien, 2022):

1. AI can automate basic tasks in education, such as grading. Grading homework and examinations for major lectures. Even with TAs, completing courses can be time-consuming. Teachers in lower grades typically feel that grading consumes valuable time that could be spent on student interaction, class preparation, or professional development. Teachers may now automate grading for multiple choice and fill-in-the-blank tests.

2. Giving a feedback: Detailed feedback helps the student to understand what he has done well, where he needs improvement and how to make changes. It also helps the teacher assess student achievement and customize content and pace to meet each student's unique needs.

3. Intelligent Tutoring System: AI-based software simulates a human teacher. The AI evaluates student responses to computer-driven questions and gives tailored feedback. Tutoring which are customized learning for each student may be linked into current LMS and eLearning platforms.

4. English teaching effectiveness is maximized using artificial intelligence. AI will offer a real simulation conversation platform for English language education and study. We will aid students in improving their usage of written, spoken, and written English and their comprehension abilities. The knowledge about the many English-speaking nations' cultures and practices that AI has gathered may be utilized to connect and engage with students and considerably increase their enthusiasm for studying English.

To sum up, adapting education to changing vocations is crucial for preparing the future workforce for technology challenges and possibilities, including the usage of AI. By encouraging the relevance of skills, critical thinking and creativity, flexibility and continual learning, a multidisciplinary approach and education may help individuals acquire unique abilities and prepare them for a professional future.

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