



IMPROVING SPEAKING SKILLS THROUGH ARTIFICIAL INTELLIGENCE TOOLS

Quvondiqov Muhammad Dilmurod o'g'li

*Toshkent axborot texnologiyalari universiteti Samarqand filiali Kompyuter
injinring fakulteti DI 25-09 guruhi talabasi*

Ilmiy rahbar:

Akramova M. R

E-pochta: quvondiqovmuhammad02@gmail.com

Abstract: This article examines the significance of using Artificial Intelligence (AI) tools to enhance students' English speaking skills. It explores how AI-driven applications provide real-time feedback, improve pronunciation, and build learners' confidence. Additionally, it discusses effective methods of integrating these tools into language learning and their impact on spoken fluency. By analyzing various AI technologies, this paper highlights the necessity of modern, technology-enhanced methods to boost verbal proficiency in a second language.

Keywords: artificial intelligence, speaking skills, English teaching, AI tools, pronunciation, fluency.

Teaching English as a second or foreign language has experienced a massive digital transformation in recent years. While traditional methods often struggled to provide enough individualized speaking practice, modern technological research highlights the immense benefits of utilizing Artificial Intelligence (AI) tools. Research suggests that students learn to speak more fluently when they have access to consistent, stress-free practice environments. AI provides this exact opportunity, allowing learners to practice verbal communication in meaningful contexts, leading to better pronunciation and active vocabulary retention.

The integration of AI in developing speaking skills aligns well with the communicative language teaching (CLT) approach, which prioritizes real-life communication. AI-powered chatbots and voice-recognition software offer learners a platform to practice natural dialogue. Furthermore, building on Swain's Output Hypothesis (1995), which stresses the necessity of producing language to achieve fluency, AI tools serve as an interactive medium that constantly encourages verbal output from learners in a safe, non-judgmental environment.

Several effective AI tools have been developed to target spoken English directly. One of the most prominent examples is speech recognition



applications (such as ELSA Speak), which analyze acoustic patterns and provide instant feedback on pronunciation, stress, and intonation. Another approach is interacting with conversational AI models through voice mode, where students can engage in open-ended dialogues, role-plays, and situational conversations.

In a classroom or independent study setting, learners can utilize these tools to complement their traditional studies. For example, a teacher might introduce a debate topic in class, and students can first practice their arguments with an AI conversational agent to build confidence. Similarly, students can use AI to record their speeches, receive immediate corrections on grammatical errors in their spoken output, and try again. This blended learning approach ensures that students get maximum speaking time, which is often impossible in a crowded classroom.

Despite its immense advantages, using AI tools to improve speaking skills presents certain challenges. Learners may struggle with the lack of human empathy and non-verbal cues (like facial expressions and body language) when talking to a machine. Moreover, over-reliance on AI might reduce a student's ability to engage spontaneously in real human interactions. Additionally, technical issues such as a lack of internet access or premium tool subscriptions can create inequalities among students.

To overcome these challenges, educators should use AI as a supplementary tool rather than a complete replacement for human interaction. Institutions should provide training for students on how to use these tools effectively and design hybrid lesson plans where AI practice leads directly to human-to-human group discussions and debates.

The integration of Artificial Intelligence tools in English teaching provides a revolutionary approach to acquiring speaking skills. By utilizing voice recognition and conversational bots, students gain deeper confidence, clearer pronunciation, and better spontaneous communication abilities. This approach bridges the gap between theoretical language knowledge and practical speaking fluency. Future research should explore how more advanced; emotionally intelligent AI avatars can further enhance this learning experience. Ultimately, adopting AI-driven language tools can significantly contribute to a more effective and personalized journey in mastering English speaking.

In conclusion, Artificial Intelligence tools play an important role in improving students' speaking skills in English. These tools provide learners with immediate feedback, help them practice pronunciation, increase fluency, and build self-confidence. Moreover, AI creates more interactive and personalized learning opportunities, which make the speaking process more effective and engaging. Although technology cannot fully replace the role of a



teacher, it can strongly support language learning when used properly. Therefore, integrating AI tools into English education can be considered a modern and useful way to develop speaking skills and prepare students for real-life communication.

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