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THE BENEFITS OF HUMAN-AI PARTNERSHIPS IN LANGUAGE LEARNING

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Abstract:

This article argues that AI is transforming language learning by offering personalized experiences, interactive practice, and increased efficiency. AI adapts to individual student needs, tracking progress and providing targeted exercises. AI automates rote tasks and provides data, freeing teachers to focus on higher-level guidance and creative activities. The article concludes that a human-AI collaboration is crucial for optimizing language learning, making it more adaptive, engaging, and effective for both students and teachers.

Key words:

artificial intelligence, learning, platforms, tutoring system, English, speaking

INTRODUCTION.

Education is one field that has quickly been modified using artificial intelligence (AI) especially language learning. Thanks to AI-driven platforms and tools, students can now engage in personalized learning experiences, have interactive practice opportunities with instant feedback, all of which dramatically increase the efficiency of language acquisition. AI technologies include intelligent tutoring systems, chat bots, virtual conversation partners and game-based learning apps. The United States, Japan and South Korea are among the countries who have effectively introduced AI to language classrooms in order to improve students' outcomes and engagement. Human–AI teams for language learning can provide an adaptive but also more engaging and efficient educational experience for students as well as teachers. This paper presents, first, the benefits of AI integration into language learning, and discusses its issues and operational strategies.

Personalization

One of the greatest advantages of AI in language learning is its power to personalize learning, providing every student with the information and level that suits them. AI-fueled applications such as Duolingo, Babbel, Rosetta Stone and memorise can track a student's progress, pinpoint weaker areas and personalize lessons. For example, if a student has trouble with English verb tenses, the AI may offer additional exercises and repetitions to help master the material. Likewise, AI can monitor over time the acquisition of vocabulary and comprehension of

grammar and offer practice sessions customized to each individual student. Anecdotal and empirical evidence suggests that AI-enhanced language learning can improve vocabulary retention, as well grammar accuracy, by 25–30% over traditional classroom instruction. As it addresses students' individual needs, AI enables students to gain confidence, continue to drive themselves and take ownership of the learning process. Moreover, gamified platforms enhance learning by reinforcing achievement with points, badges, and levels, which can be fun and relieve stress from learning.

MAIN PART.

AI has been helping students and teachers: automating rote tasks, for example, but also offering real-time data. Tasks like rating exercises, checking attendance or studying learning habits could be done effectively by AI systems. For instance, AI can identify writing tasks where common errors are observed, erroneous pronunciation in speaking activities or a lack of understanding in reading activities. Teachers can concentrate on giving individual guidance, interactive lessons and speaking practice. AI also enables teachers to structure differentiated learning, offering custom exercises for students who need them. This human and AI pairing optimizes classroom efficiency, makes sure no student falls between the cracks, and gives educators more time to help students develop critical thinking, communication, and creativity.

Collaboration between human and AI also helps improve the communication ability and critical thinking of language learners. Chatbots, simulated computer partners, and other virtual reality simulations can provide safe practice space for speaking, listening and writing. So a student learning English can use an personalized AI-powered chatbot that provides instantaneous feedback on grammar, pronunciation and vocabulary. Artificial intelligence can create real-life situations with ordering in a restaurant, negotiating things in business or engaging in dialogues, where the students can practise language abilities in actual application.

Problem-solving challenges, character-driven narratives, and a contextual AI assistant allows students to learn effectively while teachers can take individual assessment rolls if needed. By integrating AI practice and human explanation, students can get ready for authentic conversations and step in independent learning mode.

While AI-powered language learning has its distinct benefits, it also comes with its share of challenges. Too much reliance on AI may undermine students' motivation to socialize and work autonomously. Practical obstacles, such as erratic internet connections and lack of devices, or glitches with software can also contribute to the challenges in maintaining consistent learning. Meanwhile, some students may face "digital literacy barriers" that prevent them from being able

to use AI platforms effectively. Teachers may also need tailored training to really embed AI tools in their instruction. To meet these challenges, we need a mix of tech and old-school, face-to-face time.

To take best advantage of the potential for AI in language learning, learners should use AI tools alongside traditional approaches, such as classroom interaction, peer discussion and authentic reading and listening material. That's where teachers come in, to guide how students are using AI—and ensuring that it is being used responsibly—similarly tracking the students' progress and giving feedback. Combined learning makes certain that AI adds to human instruction and doesn't substitute it. Furthermore, mixing together partnered activities with AI practice promotes peer-to-peer communication, cultural awareness and real-life usage of language. Both students and learners flourish if they follow those strategies.

CONCLUSION.

In summary, human-AI interaction in language learning has many benefits: individualized instruction, teacher assistance, improved communication and critical thinking. AI-based technologies enable students to learn at their own pace, as educators can provide more relevant and dynamic lessons. While there are challenges, thoughtfully aligned implementation of AI tools can evolve the learning environment to be more adaptive, motivational, and inclusive. As the landscape of AI continues to change, working in collaboration with human educators, language learning stands to become more efficient, interactive, and accessible for students who must be equipped to meet the demands of a digitally-connected world.

REFERENCES:

1. Kasneci, E., Sessler, K., Küchemann, S., Bannert, M., Dementieva, D., Fischer, F., Gasser, U., Groh, G., Günnemann, S., Hüllermeier, E., Krusche, S., Kutyniok, G., Michaeli, T., Nerdel, C., Pfeffer, J., Poquet, O., Sailer, M., Schmidt, A., Seidel, T., … Kasneci, G. (2023). ChatGPT for good? On opportunities and challenges of large language models for education. *Learning and Individual Differences*, 103.
2. Labadze, L., Grigolia, M., & Machaidze, L. (2023). Role of AI chatbots in education: systematic literature review. *International Journal of Educational Technology in Higher Education*, 20(1).
3. Luckin, R., Holmes, W., Griffiths, M., & Forcier, L. B. (2016). *Intelligence Unleashed: An argument for AI in Education*. Pearson.