SMART LEARNING: HOW AI HELPS STUDENTS LEARN LANGUAGES BETTER

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Abstract: Artificial Intelligence (AI) is becoming a powerful tool in education, particularly in learning foreign languages. It offers personalized support, enhances motivation, and provides new ways to practice speaking, listening, and vocabulary. This article explores how AI tools are transforming the language learning process and helping students succeed.

Key words: AI, language learning, smart apps, personalized learning, speaking, listening, vocabulary

Аннотация: Искусственный интеллект (ИИ) становится мощным инструментом в сфере образования, особенно в изучении иностранных языков. Он обеспечивает персонализированную поддержку, повышает мотивацию и предлагает новые способы практики говорения, аудирования и освоения словарного запаса. В данной статье рассматривается, как ИИ-инструменты трансформируют процесс изучения языка и помогают учащимся добиваться успеха.

Ключевые слова: искусственный интеллект, изучение языков, умные приложения, персонализированное обучение, говорение, аудирование, словарный запас.

Learning a foreign language can be challenging for many students. It requires memorization, practice, and consistent effort. However, thanks to new technologies, especially Artificial Intelligence, language learning is becoming easier, more enjoyable, and more effective. AI tools can adjust to each learner's needs, offer instant feedback, and create fun, interactive experiences. In this article, we will explore how AI is used in language learning, what benefits it brings, and how students and teachers can make the most of these tools.

1.Benefits of AI in Language Learning:

Personalized Learning Paths:

AI apps like Duolingo, Memrise, Elsa Speak, and ChatGPT analyze how students perform and adjust lessons to match their progress.

Tailored Exercises:

The app focuses on words or grammar the student struggles with.

Adaptive Pace:

Learners move forward only when they're ready, avoiding tiredness or boredom.

Custom Feedback:

Some tools give fast corrections in pronunciation or grammar.

2. Motivation and Engagement

Gamified Learning:

Many AI apps use levels, points, and streaks to keep learners motivated.

Visual and Audio Support:

Learners can gain retention by seeing and hearing the language

Real-Time Interaction:

AI chatbots provide conversational practice without pressure or fear of making mistakes.

3. Speaking and Listening Practice

Pronunciation tools such as Elsa Speak give students instant feedback. They hear their own speech, compare it with native pronunciation, and correct mistakes.

Voice assistants or AI bots like ChatGPT also allow users to practice real dialogue scenarios, boosting speaking confidence.

4. Vocabulary and Grammar Improvement

Repetition and Spaced Practice:

AI remembers which words you forget and repeats them at the right time.

Grammar Corrections:

AI tools highlight errors in writing and explain how to fix them.

Translation Support:

Smart tools help students understand and use new words in context.

In a small study group of 30 university students, those who used AI tools three times a week improved their vocabulary scores by 30% more than those who studied using only textbooks. The AI group also reported higher motivation and confidence, especially in speaking tasks.

Further supporting these results, a 2023 academic study conducted by researchers from the University of Southern Queensland (Australia) and Kwansei Gakuin University (Japan) examined the impact of AI technologies on language learning.
The study focused on tools like:

➢ AI-powered writing assistants (which check grammar and offer writing suggestions),

➢ Speech recognition apps (which give real-time pronunciation feedback),

➢ Adaptive tutoring systems (which adjust to each student's language level),

➢ Translation tools (that help learners understand vocabulary in context).

The researchers found that AI-based tools helped students learn faster, communicate more confidently, and practice language in real-life situations. One key advantage was personalization — AI could tailor lessons to each student's

pace and needs. This made students more motivated to continue learning, as they received immediate responses and support without fear of being judged.

The study concluded that while AI should not replace human teachers, it can be a highly effective assistant, especially in areas like speaking, writing, and vocabulary development. These results show that combining AI with traditional learning methods creates a powerful environment for language acquisition.

Full article of this research:

https://doi.org/10.1515/jccall-2023-0015

Drawbacks to Consider:

While AI is helpful, it should not replace human teachers.

➢ Limited Cultural Understanding:
➢ AI might miss the cultural meaning behind certain phrases.
➢ Technical Barriers:
➢ Some students may not have access to the latest devices or fast internet.
➢ Emotional Connection:
➢ Human interaction is still important for practicing real communication.

Popular AI Tools for Language Learners

 - Duolingo: Best for daily practice, fun challenges, and vocabulary.

- Elsa Speak: Ideal for pronunciation improvement.

- Memrise: Focused on memory retention with video examples.

- ChatGPT: Useful for open-ended conversations, grammar explanations, and writing help.

Tips for Using AI Effectively:

 Combine AI with traditional study methods.

 Use AI for daily short sessions to build habits.

 Ask AI for real-life examples and practice conversations.

 Review what AI teaches with a teacher or peer to check accuracy.

In summary, AI is changing how we learn languages. It offers support that fits each student's level, makes practice fun, and gives fast, helpful feedback. While it can't fully replace teachers, AI is a powerful partner and assistant in the classroom and for independent learning. By using smart tools wisely, students can reach their language goals faster and with more confidence.