Jurnal Informatika Komputer
Vol. 1 No. 1 2022
DOI: 10.xxx.

The Impact of Artificial Intelligence (AI) on Learning English

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Abstract: This study aims to examine the impact of artificial intelligence (AI) on learning English for students who want to learn and understand English freely anytime and anywhere. Through surveys and interviews collected from schoolchildren, we found significant results because with this artificial Intelligence or AI, they are able to learn English through a variety of applications that can be easily accessed with their mobile phones.

1. Introduction:

The advent of artificial intelligence, or what is commonly referred to as "artificial intelligence," has accelerated technical advancements in the modern period. Artificial intelligence has the potential to motivate humans to create it, and it is required in a number of industries, including services, education, digital media, and information centers, in order to eventually replace human labor. Language instruction is among the many industries that now use artificial intelligence (AI). in this instance, particularly in light of learning English.
The trend of globalization and the increasing need for effective communication in English language is increasing. This makes AI a powerful tool for improving language learning performance (Popenici & Kerr, 2017; Zawacki-Richter et al., 2019).
The use of AI in language learning has become very popular in recent years. Traditional language learning methods often involve monotonous and ineffective repetitive practice and exercises for many students.
AI provides a dynamic and personalized approach to language learning, responding to the needs and choices of students. The use of artificial intelligence technology in learning English has increased learning interest, personality, and efficiency for teachers and students. Hockly, N. (2023).

2. Literature Review:

AI also makes it easier to include game components into language instruction. AI technologies are used by language learning platforms to produce engaging and dynamic learning environments. Pupils have the option to compete with one another or gain badges and points. Consequently, learning is more enjoyable and inspiring. Suciati (2023) claims that there are several AI-based tools available for learning English. Students may use their phones to access the app at home and at school. This is an AI example.

2.1 Duolingo.

Duolingo is an application that uses artificial intelligence technology to provide interactive language learning through entertaining games and learning features.

2.2 Babbel

Babel is a language learning application that focuses on daily communication challenges. Babbel offers language courses with relevant and practical materials. As a result, students can quickly understand the target language.

2.3 Mondly

Mondly is an AI application that offers engaging virtual language learning opportunities. This application facilitates language learning through the use of a 3D cerdas avatar, which provides an immersive experience for students speaking the target language. In addition, Mondly has the ability to measure student progress in any subject.

2.4 Rosetta Stone

This application uses effective and systematic teaching methods along with artificial intelligence technology to provide systematic and deep language learning.

2.5 Hello Talk

HelloTalk is an AI-powered application designed to connect students with real-time language tutors.

One of the most significant challenges for AI in learning English is the limited ability to comprehend and produce language that is appropriate for the context. Despite its limitations, AI-based language learning platforms can provide grammar and vocabulary lessons (Huang et al., 2022). The platform frequently loses money and has complex language usage. For example, AI may experience difficulty understanding idioms, which is a component of natural language communication (Gallacher et al., 2018; Kohnke, 2022).

3. Methodology

Comprehensive English learning needs regular and positive feedback. AI systems produce automatic replies, but their analysis is frequently inaccurate and incomplete. Then, we gathered information through in-depth interviews with students. This in-depth interview is a follow-up to offer a deeper and better understanding of how English education has altered with the introduction of artificial intelligence in language instruction.

One advantage of using artificial intelligence (AI) to study English is that students may select English language learning resources based on the materials offered by AI. Furthermore, artificial intelligence has the ability to provide students with a personalized learning experience based on their own interests.

4. Result and Discussion

AI could assist students' study in a more customized way. Each student has unique learning capacities and methods, and AI can assist detect these distinctions while also providing learning experiences that are personalized to the specific qualities of pupils. Furthermore, AI can give learning content that is fascinating and best suited to students' requirements.

In this situation, students may receive more personalized attention, making the learning experience more relevant, effective, and pleasurable. Furthermore, the application of AI can assist instructors in the implementation of learning.

AI can detect and analyze current patterns and trends in learning materials and approaches. This information may be utilized to build more successful curriculum and teaching approaches that are personalized to the requirements of pupils.

AI may also assist teachers in identifying pupils' knowledge gaps and adapting teaching techniques to meet their requirements. Thus, teachers can ensure that each student receives high-quality instruction.
Thus, teachers may deliver education that fits each student's capacity, which will eventually assist them to accelerate and develop their English language abilities.

5. Conclusion

The study seeks to determine the influence of artificial intelligence (AI) on English instruction in schools. According to studies, artificial intelligence (AI) has altered the method of teaching and learning English in schools. Besides, artificial intelligence (AI) provides potential and problems for future English language teachers. Nowadays, the millennial age is accustomed to using artificial intelligence (AI) applications in a variety of daily tasks, including English study. As a result, English teachers are continually increasing digital literacy, particularly artificial intelligence (AI), in order to suit future students' demands and preferences for studying English. If English teachers do not consistently enhance digital literacy, artificial intelligence will eventually replace them.

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