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THE IMPACT OF ARTIFICIAL INTELLIGENCE ON LANGUAGE LEARNING

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ABSTRACT

This article explores the significant impact of artificial intelligence (AI) oneducation, particularly in the field of English language learning. By exploring current advances in artificial intelligence technology, including natural language processing and machine learning algorithms, the article highlights how AI-based tools and applications are revolutionizing the way Englishis taught and learned. In addition, the article discusses potential challenges and ethical considerations associated with the integration of AI into education, emphasizing the importance of responsible and inclusive implementation. Overall, this article highlights the changing role of artificial intelligence in shaping the future of English language education, providing in sight into its benefits, opportunities, and implications for students and teachers.

KEYWORDS

Artificial intelligence, duolingo, language assessment, content, language teaching and learning competence.

INTRODUCTION

In the developing era, artificial intelligence is becoming a part of human life and is widely used in many fields. Artificial intelligence was founded as an independent field of science in 1956, and the term "artificial intelligence" was first used by John McCarthy at a conference held at Dartmouth College in the summer of the same year and went down in history as the author of this term. Artificial intelligence is used in the field of education, among language learners, in surgical procedures, in managing the control of objects and preventing their conflict, in preventing the occurrence of various crimes. In recent years, artificial intelligence has been widely used in the field of education and among language learners. The role of artificial intelligence in the field of education is incomparable.

Artificial intelligence (SI) exists in our lives and is developing with efficiency in the modern era. The beginning of artificial intelligence is often 1956 It originates from summer scientific research in informatics at Dartmouth. Today artificial intelligence work in the day in the investigation of cancer of the police, aircraft in reducing the risk of collision, in the development of autonomous vehicles and so on. Robots equipped with artificial intelligence from human surgeons in sewing cuts lost; perform search and rescue missions; children, the elderly and in the hospital ensuring patient care; fraud to master card firms help with identification. Artificial intelligence technology over the past twenty years applied in education. Intellectual Tutoring Systems (IRTS) all major artificial intelligence topics (e.g., data representation, machine learning, language, planning, reasoning, explanation) covers and therefore systems to formalize and experiment with theories of psychological characteristics formed a motivational test site. It helps to improve the quality of education and communication between teachers and students. In addition, artificial intelligence makes learning more convenient and interesting. Each student has the opportunity to study the subject independently through artificial intelligence.

We've all heard the term artificial intelligence (AI), but we don't know exactly what it means. Or how it can be used in, say, language teaching. However, we all use some form of AI in our daily lives; for example, when we search for something on Google. Or when we ask Siri or Alexa a question. In addition, it provides us with the information we need when we go online and contact, for example, a utility company and a chatbot. According to Google, artificial intelligence is "a network of technologies that enable computers to perform various advanced functions. ". As a result, these intelligent machines can understand human intelligence and understand and translate spoken and written language. Artificial intelligence is undoubtedly an important part of our daily lives. It aims to simplify our lives at home and at work. In smart factories, AI can automate workflows and processes and eliminate repetitive tasks, so human workers can devote their time to more complex tasks. Artificial intelligence in data processing, analysis and production it can remove human errors in areas such as assembly lines. In addition, AI can process data faster and more accurately than humans. It does not have time and availability constraints like human workers. "I think the difference between artificial intelligence and other technologies is , it brings people and machines closer together. AI is sometimes misconstrued as machines replacing humans. It's not about machines replacing people, it's about machines augmenting people. Humans and machines have different relative strengths and weaknesses, and the combination of the two will enable human intent and business process to scale 10x, 100x, and more in the coming years.This technology has changed the way we learn. For example, gamification is a fun and interesting way to learn. AI can design games and quizzes that integrate the curriculum with student interests. Another revolutionary aspect of AI in learning is that it can adapt learning material based on the needs and interests of learners. Data collected from students is used to create individualized lessons. It provides instant feedback, points out mistakes, and tells students how to avoid those mistakes in the future.ChatGPT is a language bot that can provide customized responses, evaluate performance, and give advice on how to be better. It eliminates the fear of failure because students are not talking to a real

person. Artificial intelligence (AI) is an important paradigm that will have a significant impact on various disciplines, including education. There is a lot of misunderstanding and uncertainty around the word, so this article focuses on how artificial intelligence is being used to improve language acquisition and why even language teachers should embrace it instead of fearing it. is to give some real examples about Artificial Intelligence (AI) is increasingly becoming part of our daily lives. Artificial intelligence is already a key component in e-commerce, marketing, manufacturing, and the automotive industry. It's time to use artificial intelligence in learning and teaching foreign languages. For several years, we have been trying to modernize the educational process through artificial intelligence language learning. AI-based platforms use machine learning algorithms to analyze students' strengths, weaknesses, and learning styles. By understanding individual needs, AI can tailor learning materials, exercises, and assessments to match each learner's pace and style. This personalized approach ensures that learners receive targeted guidance and support, maximizing their language acquisition and retention. One of the most important advantages of artificial intelligence in learning English is its ability to provide interactivity. Chatbots and virtual language assistants simulate real-life conversations, allowing students to engage in dialogue, receive instant feedback, and practice speaking and listening skills in a supportive environment. Through constant interaction, students develop confidence, fluency, and natural communication skills. Traditional language assessment methods often lack speed and specificity, making it difficult for students to identify and correct their mistakes. AI-powered feedback systems analyze student responses in real-time to provide immediate and personalized feedback on grammar, pronunciation, vocabulary usage, and more. By identifying areas for improvement, students can improve their language skills. With the help of artificial intelligence, readers have access to a large number of original English resources from around the world, including articles, videos, podcasts and newsletters. AI algorithms tailor content based on student interests, skill levels, and learning goals, ensuring relevance and engagement. By immersing themselves in authentic language contexts, students improve their comprehension skills and expand their vocabulary. AI-based learning platforms offer support that allows students to study anytime, anywhere, at their convenience. Through mobile apps, web platforms, and smart devices, students can access many learning resources, including lessons, quizzes, flashcards, and multimedia content. This flexibility includes different study schedules and lifestyles, allowing students to make consistent progress on their English language journey. Students should consider AI for language learning because it enables personalized learning experiences, real-time feedback, and access to large amounts of language data and resources. AI-powered language learning platforms can adapt to individual learning styles, provide interactive exercises and effectively track progress, making the language learning process more effective and fun. With a personalized approach to learning that varies from student to student, teachers don't have to review the same content every year. In addition, AI can help develop engaging games, quizzes, and other learning and exploration activities that align curriculum with student interests. Language bots. Chatbots have gone from generally useless idiots to sophisticated helpers capable of tricking you into thinking you're talking to a real person. People are getting smarter and are using chatbots to learn foreign languages. All you need to do

is talk to an AI bot and learn from experience. AI language-learning chatbots respond to your messages with personalized responses and can even evaluate your performance or give you tips on how to improve. What else is better? When you're talking to a computer, you don't have the fear of failure if you're talking to a real person. Some of the most popular chatbot apps are Duolingo, the most popular language learning chatbot in the United States (and possibly the world). This chatbot is a platform that allows it to understand the user's context and give them contextual and individualized answers, meaning that different users will get different answers to the same question. Virtual language tutors, the leader in language learning chatbots, have made it possible for thousands of people to learn a new language without the embarrassment of miscommunication with a native speaker.

The role of artificial intelligence in education

1. Artificial intelligence is used to evaluate key activities in education, such as assessment can automate. Although artificial intelligence is never ready to replace human judgment, it is very closed. At this point, academics can tweak almost any type of multiple-choice test and fill-in-the-blank assessment, and automated grading of student writing may not be far behind.

2. Students can get additional help from artificial intelligence teachers. These programs teach students the basics, but so far are not ideal for serving students to learn higher-order thinking and creative thinking, something that real-world educators are still required to facilitate. Still, this shouldn't rule out the possibility that AI tutors will be able to test these things in the future.

3. AI-based programs can give students and teachers useful feedback. Artificial intelligence cannot only help academics and students create courses prepared at their discretion, however, he can give an opinion to everyone about the success of the course as a whole. These types of AI systems help students support themselves and look for areas that improve teaching to professors.

4. Can change the role of teachers. Teachers in education for there will always be work, but what is this role and what does it mean, because smart new technologies of the type of computing systems can change. As stated above as we have already seen, the fact that artificial intelligence takes on tasks such as evaluation, help students improve learning and even real tutoring can replace.

5. Artificial intelligence powered data from schools it can change how students find, teach and support. Intelligent data collection controlled by intellectual computer systems already making changes to their relationship with prospective students. From hiring to helping students choose the most effective courses until giving, students of each neighborhood of the Faculty of intellectual computer systems helps to adapt to their needs and goals.

CONCLUSION

In conclusion, the application of artificial intelligence to language learning presents a transformative opportunity for students worldwide. By harnessing the power of AI-based platforms, students can access personalized learning experiences, real-time feedback and free resources. As technology advances, so does AI's potential to revolutionize language learning,

making it more accessible, effective, and engaging for learners at all levels.

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