Artificial Intelligence and English Language Teaching

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Abstract:
In this era of advanced technology, artificial intelligence is being used in education and English language teaching learning is no exception to it. Use of artificial intelligence has had a significant impact on English language teaching. This paper is an attempt to study the AI role in English language teaching and how it might improve student performance. The study encompasses range of artificial intelligence platforms and tools for English language students such as virtual language assistants, intelligent tutorial systems and language learning apps. It examines the benefits of AI in education, flexible learning path and instant feedback according to students' various requirements and learning preferences.

Keywords: language learning, artificial intelligence, content generation.

Introduction

Artificial intelligence is a technology that we use in our day-to-day life like other technologies. AI simulate human intelligence processes that are handled by machines, i.e. computer system. It seems that language learning and teaching are significant today. The study uses analytical descriptive methodology to examine and evaluate the literature, describe artificial intelligence and discuss the methods used to use AI in English teaching and learning. It addresses the topic such as- AI techniques and their appropriate applications for English teaching and learning, their usefulness and their prerequisites for implementing them in this domain.

Artificial Intelligence and Language Learning-

Teachers and students can make use of artificial intelligence in the classroom to enhance the language learning experience.

Teachers can use AI to-
- Prepare to teach an unfamiliar topic
- Create a lesson plan
- Write level-specific materials
- Source appropriate language examples
- Develop lesson materials such as flash cards or comprehension questions
- Produce bespoke tests and exams
- Keep track of students' progress
- Communicate with parents

Teachers can avail following AI tools to compliment teaching-

Chat GPT, Teach Mate, Magi School AI, Story Book AI, Bard.

By using the above-mentioned tools teachers can make their lesson plan more interactive and interesting. Teachers can update their knowledge and provide the most relevant knowledge to students.

Use of AI for students-

In the classroom artificial intelligence has the potential to be a very useful tool. Students are using artificial intelligence technology more and more to enhance their language proficiency and gain a deeper knowledge of the language. Artificial intelligence assists students in many areas including, comprehension, vocabulary, pronunciation and grammar. It can aid in students' vocabulary growth, speaking practice and comprehension of colloquialism, students can have a better learning experience and become more involved with the language using AI. Students can utilise chat GPT for ideas before engaging in a conversation or debate. This is especially useful if the students are not familiar with the topic at hand. One can create model answers for easy questions. This can be compared to their own answers. They can even ask for recommendations for improvements. AI can highlight the errors of mistakes and show them how to make the text better. Another tool students can use is speech- to- text AI to role-play specific situations they need to practice for exam for job interview or an English exam. Students can paste text into text-to- speech AI to hear the text being spoken while they read. This helps with pronunciation and listening. If they want to watch a video in English they can use here to write subtitles for them to read while watching. They can ask chat GPT to assess their own sentences for grammatical accuracy. Immediate feedback is highly motivating. Thus, Artificial Intelligence helps students to gain proficiency in language learning.

Shortcomings of AI uses-

As Artificial Intelligence is proving beneficial in the field of education, it has some shortcomings. They are as follows-

I] Artificial Intelligence lack human touch- Though artificial intelligence is useful in finding information related to the topic of study it lacks human touch. It cannot replace teacher. Teachers have a better understanding of emotions. They can relate better to students and foster relationships with them. They can inspire students for learning. AI conversation lack the facial expressions and tone of

voice available in real life conversations. Studies show that current AI learning systems fall short when it comes to oral proficiency. So while learners improve in grammatical accuracy and vocabulary knowledge, there wasn't a similar improvement in their speaking skills. A particular study from Michigan State University concluded that a hybrid approach of online learning and classroom learning is the best way to learn a language.

II] Learning through AI is expensive and it will create issues of unemployment-
Learning through artificial intelligence needs the availability of access, Android phones, laptop, computers etc. So it is expensive mode of learning. It may curtail job opportunities for teachers, leading to unemployment. And in a country like India where internet access is not available to all remote places availing facility of AI is a challenge.

Conclusion

The growth of digital platforms has made learning English easier. Advances in computer and mobile phone technology will present prospects for using the capacities of a larger global population and augmenting the application of artificial intelligence. Though AI can completely transform the way that English is taught, it is vital to remember that human teachers are essential in providing context, emotional support and a personalised touch that artificial intelligence cannot entirely duplicate. The best language learning settings are those that blend artificial intelligence's advantages with the knowledge and compassion of human teachers.

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