

ARTIFICIAL INTELLIGENCE IN TEACHING AND TRAINING

Ahmad Said AlAnezi

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Abstract: Artificial intelligence is considered one of the most increasingly used methods and fields in teaching and training, as it gives and provides great possibilities for improving and developing education and training continuously and permanently.

In learning the English language, the artificial intelligence is considered a teacher that is by your side all the time. Artificial Intelligence has Applications and many advantages, disadvantages that we will discuss in our research This research will examine learning and studying English through artificial intelligence and how does it greatly benefit students at colleges and PAAET institutes in Kuwait?

Keywords: Artificial intelligence, teaching and training, developing education.

1. FOR STUDENTS AND TEACHERS

Artificial intelligence is an excellent tool for learning new things. When you use it properly and correctly, it is considered like an English teacher for students.

In our colleges and institutes, he is like a teacher who is always there with them.

Learning the English language through artificial intelligence is free of charge and provides a fun and effective learning method for all ages. You can learn the English language without costs and in a short time.

Artificial intelligence is a type of technology that carries out tasks that humans can perform. Such as learning, how to think, and how to solve problems. Examples are audio-to-text conversion and translation programs. It also includes robots and self-driving cars. Other examples of artificial intelligence are conversational robots that can mimic human conversations. Chat Bot, Mondly, Andy and Duolingo for examples, are used to provide answers to the questions of people who use it.

Artificial intelligence (AI) can customize education for each student in our colleges and institutes in Kuwait based on his or her own needs and speed. This helps students learn more effectively and achieve their educational goals.

Also AI can facilitate education and provide opportunities for all. It can be used to provide educational content anywhere, anytime, including remote areas or developing countries.

Artificial intelligence can help teachers measure and improve their teaching. For example, AI can be used to provide immediate feedback or errors to students, or to create personalized lessons for those students.

2. USING AI TO LEARN AND IMPROVE THE ENGLISH LANGUAGE

You can ask the AI to evaluate your English skills, and it can provide you with your mistakes and instant feedback about your level.

In the modern era, artificial intelligence (AI) has become one of the most important technologies that is changing the entire world. This technology has become very important in education, and it provides great opportunities to improve the process of learning the English language.

3. THE ADVANTAGES OF ARTIFICIAL INTELLIGENCE

One of the advantages of artificial intelligence is that it is available around the clock and can answer your questions at any time during the day or late at night.

The AI is very patient with the learner and the learner can ask as many questions as he wants; He will never judge you.

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It can significantly reduce errors and increase accuracy in formulating sentences and speech. The decisions that artificial intelligence tells us at every step are determined by the information collected previously. When programmed correctly, these errors can be reduced to zero.

Reducing risks: Using artificial intelligence robots, it is possible to reduce the risks facing the human element by performing precise and difficult tasks in sensitive and dangerous industries. An example of this is that it is dangerous for the human element to approach, for example, nuclear plants and plants because of the radiation emanating from those plants and nuclear plants.

AI In Hospitals:

The best example is that artificial intelligence and its use of robotic devices in surgical operations reduces the errors that a human doctor and surgeon may make, thus preserving and improving patient care and providing the best types of safety for patients.

AI In Companies:

Some advanced technology companies deal with robots and digital assistants instead of human employees, which eliminates the need for this human employee and saves money by dispensing with this employee.

We know that companies have customer service employees who respond to customer questions and requests. Businesses can create a chatbot or voice bot that can answer all their customers' questions using artificial intelligence.

AI In Cars:

We can also see artificial intelligence in self-driving cars, which use an array of cameras and sensors to navigate roads and traffic without human intervention. Which leads to improving road safety, reducing traffic congestion, and increasing accessibility for people with disabilities. It is developed by various companies, including Google and Uber.

Unbiased Decisions:

Artificial intelligence does not carry any kind of emotions and is very practical and rational in its work. He has no biases towards anyone, which ensures more accurate decisions.

Examples of recruitment companies that use artificial intelligence are those that screen job applicants based on skills and qualifications. This helps eliminate bias in the hiring process, leading to better, more diverse employees.

4. THE DISADVANTAGES OF ARTIFICIAL INTELLIGENCE

Not fully understand:

Artificial intelligence cannot fully understand the cultural and social environment of humans, meaning that it is difficult to understand the details of other languages, which leads to false and inaccurate results.

It is also difficult for artificial intelligence to understand human feelings as a normal human understands them, because it relies heavily on hardware and software, which leads to the possibility of making mistakes.

The negatives of artificial intelligence are also that it is possible that there will be heavy reliance on artificial intelligence in the future, and thus the reliance on human intelligence will be weakened.

High Costs:

Creating a machine that can simulate human intelligence and intelligence requires a lot of resources, money, and effort. It requires working on the latest hardware and software in order to meet the latest requirements, and this requires huge costs.

No Improvement:

Artificial intelligence consists of pre-loaded and stored information, facts, and experiences. It is difficult for humans to develop and change them except manually and adding new information and developments. So we can say that artificial intelligence cannot be accessed and used as it is similar to human intelligence.

No Morals:

Ethics, especially in response, reaction, answers, and writing, are important human traits that may be difficult to incorporate into artificial intelligence. There are fears that artificial intelligence will be uncontrollable in the future and will become isolated.

5. USING AI TO LEARN AND IMPROVE THE ENGLISH LANGUAGE

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The importance of using applications in the English language with artificial intelligence:

Learners use artificial intelligence because it has great properties and capabilities through all their senses to practice the English language in a way that suits their level of the English language and their interests at the current stage. One of these senses, for example, is the use of artificial voice for robots in the best programs, which facilitates comprehension.

These are some examples of the best applications for practicing the English language with artificial intelligence that students can use to strengthen language skills at any time and in any place by downloading them on the mobile device, including:

- Chat Bot application

It is one of the best and easiest applications of artificial intelligence to know the level of the English language of the student and the learner and to help learn the language, by understanding the learner's level after talking to him, as the application then deals with the learner's linguistic level. Because through conversations with the learner, it understands the learner's strengths and weaknesses and provides. After that, lessons are customized for learning according to the learner's own level.

Duolingo app

This application is considered the most popular among learners in the world, especially beginners. Because it is one of the famous, free and fun programs. It uses simplified exercises for conversations, grammar, and listening.

This application helps learners learn the English language in the form of exercises to learn new vocabulary and grammar in an entertaining and effective way.

Andy application:

This application is one of the important applications for practicing the English language with artificial intelligence, designed specifically for learning English conversation where, English language learners, both beginners and advanced, can know and understand the explanations of different English grammar through simple explanations. This application provides a test after the end of the lessons and also corrects the mistakes of the learner during conversation and chat.

Finally, we and every learner must focus and keep up with what is new in artificial learning, since, as we explained, it is very easy to use and accessible to everyone at all times and places, so that we benefit in learning the English language and urging students in colleges and institutes to use it in learning the English language and all... Specializations in order to keep pace with technological development in the very accelerating world.

Here are some references that can help support the discussion on artificial intelligence in teaching and training, particularly in learning the English language:

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