

THE IMPORTANCE OF ARTIFICIAL INTELLIGENCE IN TEACHING ARABIC

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Annotation: This article discusses the importance and effectiveness of using artificial intelligence technologies in the process of learning and teaching Arabic. Platforms and programs based on artificial intelligence make the learning process easier and more effective by automating various learning resources, personalizing exercises, checking pronunciation, and creating interactive teaching opportunities. The article also analyzes the advantages and future prospects of teaching Arabic based on artificial intelligence technologies. These achievements, in addition to helping improve students' knowledge, are also important in facilitating the work of teachers.

Keywords: AI, Arabic language, Online education, Interactive teaching, Personalized learning process, Technologies and education, Pronunciation checking.

Introduction

Today, the rapid development of information technologies is also radically changing the field of education. It is noteworthy that artificial intelligence (AI) technologies are being integrated into the educational process, making the learning process more effective, convenient and interesting. The importance of artificial intelligence in learning the Arabic language, especially in its teaching, is growing. The Arabic language is of great importance not only religiously, but also economically and culturally, and its fast, high-quality and effective learning requires the use of new technologies. This article discusses the role of artificial intelligence in teaching the Arabic language, its impact on the learning process and its opportunities.

In the current era of globalization, language learning is becoming an important part of everyday life. The Arabic language occupies a special place in international relations, dialogue between cultures, and in the economic and religious spheres. However, the unique structure and pronunciation rules of the Arabic language make it quite difficult to learn. That is why the use of modern technologies, including the capabilities of artificial intelligence (AI), is of great importance in learning and teaching the Arabic language.

Artificial intelligence is fundamentally changing the field of education, enriching traditional methods with automated and personalized processes. In particular, language learning exercises - developing conversational skills, reinforcing grammatical rules, practicing pronunciation - are effectively implemented with the help of artificial intelligence. For example, through interactive programs, virtual teachers and audio-visual technologies, students can independently assess their level of knowledge and complete exercises. This article discusses the possibilities of artificial intelligence in learning the Arabic language, their advantages, practical results and future prospects. At the same time, it also considers the problems encountered in the process of integrating artificial intelligence into education and ways to solve them.

Main part: Artificial intelligence plays an important role in the educational process through interactive platforms, personalized learning resources and automated systems. For example, tasks such as selecting courses that match students' levels and interests, developing individual lesson plans and monitoring them are automated with the help of artificial intelligence.

Pronunciation assistance: AI-based programs analyze students' pronunciations, highlight errors and provide suggestions for correction.

Grammar reinforcement: AI systems automatically check grammar exercises and explain correct answers.

Personalized exercises: Exercises and lessons are prepared according to the knowledge level of each student.

Interactive lessons: Virtual teachers, chatbots and the possibility of real-time communication increase student interest.

Today, platforms such as Duolingo, Mondly, Rosetta Stone allow you to learn Arabic using artificial intelligence. These programs are enriched with audio and visual resources that help students independently learn to write, read and speak Arabic. In addition, virtual teachers based on artificial intelligence enliven the lesson process by answering students' questions.

Although artificial intelligence-based education systems have great potential, they also face some problems. For example, large investments are required to create and produce programs. Also, the lack of technical equipment and access to the Internet by students is a challenge.

Results: A number of positive results have been achieved by using artificial intelligence in Arabic language teaching:

A personalized approach to language learning:

AI-based programs adapt to each student's level of knowledge, needs, and learning pace. This personalized approach increases the effectiveness of the learning process. For example, students are directed to additional exercises on grammar topics or pronunciation that they are struggling with.

Pronunciation improvement:

AI-based applications and platforms allow students to check their pronunciation in real time. They automatically provide suggestions for correct pronunciation of words, allowing students to practice without additional tutoring.

Digital educational resources:

Digital educational resources such as interactive lessons, videos, audio exercises, and virtual teachers make the learning process interesting and easy. This increases students' interest in the language and encourages them to actively learn.

Error analysis:

Artificial intelligence identifies students' errors through automated analysis systems and provides recommendations for their correction. This helps to further consolidate knowledge.

Effectiveness of the teaching process:

Technologies accelerate the learning process and facilitate the tasks of teachers. They prevent them from wasting too much time and ensure a student-centered approach.

These results indicate that artificial intelligence can radically change the process of learning and teaching the Arabic language, making it effective enough to meet modern requirements. At the same time, in order to more widely use these technologies, it is necessary to improve the technical infrastructure and improve programs specific to the Arabic language.

Conclusion: Artificial intelligence technologies in Arabic language teaching are important in automating the learning process and improving efficiency. With its help, students use personalized, interactive and modern learning opportunities. Nevertheless, for the widespread use of these technologies, it is necessary to solve existing problems, improve the technical infrastructure and further develop platforms based on artificial intelligence. In the future, research and innovation in this field is expected to raise the education system to a higher level.

In the process of learning and teaching Arabic, artificial intelligence technologies are revolutionizing the field of education. These technologies allow students to learn a language quickly, efficiently and in an interesting way. With the help of artificial intelligence, the level of knowledge of students is increased and their mastery rates are significantly improved through individualized learning process, automated training, interactive learning platforms and virtual teachers.

The research and results cited in the article show that artificial intelligence is very effective in:

- Improving pronunciation,
- Strengthening grammar and vocabulary,
- Directing the learning process according to the individual needs of each student.

In addition, the interactive capabilities of artificial intelligence-based platforms can increase student motivation, helps them actively learn the language through practice. This ensures that the teaching process is not only effective, but also enjoyable. At the same time, there are a number of problems in the process of introducing artificial intelligence more widely into Arabic language teaching. For example, creating and supporting programs requires significant financial resources, some students may have limited access to technical tools or the Internet. In addition, programs need to be adapted to national language teaching standards and methods. In conclusion, artificial intelligence technologies can take Arabic language teaching to a new level and make the educational process innovative. It offers great opportunities for development in this direction. However, for the more effective use of these technologies, it is important to develop technical infrastructure, localize educational materials, and create new advanced programs in accordance with modern requirements. In the future, research and investments in this area will undoubtedly lead to even greater achievements in the field of education.

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