

Artificial intelligence in the teacher's work

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Abstract

Artificial intelligence has many applications in the field of education and can bring many benefits to students and teachers. Thanks to AI, it is possible to personalize teaching - you can create personalized learning environments tailored to the individual needs and learning style of students. AI systems can analyze data and deliver personalized content, assignments, and grades. Smart tutorials can be created. AI systems can identify areas of student difficulty, deliver interactive learning materials, and offer customized exercises to help students understand the material better. AI can automate the process of grading papers and tests. Using natural language analysis and machine learning techniques, AI systems can evaluate student responses, providing quick and objective feedback. AI can provide individual support to students, regardless of their location. Through online technologies and AI systems, students can access learning resources, tutoring, and support materials that are tailored to their needs. AI can help analyze large amounts of data, such as test scores, student behavior, and demographics. Educators can use this information to identify trends, adjust curriculum, and make data-driven decisions. AI can provide teachers with tools and data that help them make decisions about curriculum, choice of educational materials or teaching strategies.

The article discusses examples of specific solutions for the use of AI by the teacher in chemistry lessons.

Keywords

Artificial intelligence, education, teacher