

TRANSFORMING EDUCATION : HOW AI IS REVOLUTIONIZING STUDYING

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Abstract: the revolution of Artificial Intelligence is making a considerable modification in all walks of life , so the education is no exception. From personalized learning to intelligent administrative systems, AI has already established dominance on the way of how we approach teaching and learning. As schools and universities begin to integrate AI into the classroom, the potential for transformative change is enormous. In this article , information will be given about how AI is revolutionizing education and what this means for students, teachers, and the future of learning.

Keywords: artificial intelligence, adaptive learning, digital classrooms, interactive learning, student engagement.

ТРАНСФОРМАЦИЯ ОБРАЗОВАНИЯ: КАК ИСКУССТВЕННЫЙ ИНТЕЛЛЕКТ РЕВОЛЮЦИОНИЗИРУЕТ ОБУЧЕНИЕ

Аннотация: революция искусственного интеллекта вносит значительные изменения во все сферы жизни, поэтому образование не является исключением. От персонализированного обучения до интеллектуальных административных систем искусственный интеллект уже занял доминирующее положение в нашем подходе к преподаванию и обучению. По мере того, как школы и университеты начинают интегрировать искусственный интеллект в школьные занятия, потенциал трансформационных изменений огромен. В этой статье будет представлена информация о том, как искусственный интеллект совершает революцию в образовании и что это означает для студентов, преподавателей и будущего обучения.

Ключевые слова: искусственный интеллект, адаптивное обучение, цифровые классы, интерактивное обучение, вовлеченность учащихся.

TA'LIMNI O'ZGARTIRISH: SUN'YI INTELLEKT QANDAY QILIB TA'LIM OLISHNI RIVOJLANTIRMOQDA

Annotatsiya: Sun'iy intellekt inqilobi hayotning barcha jabhalarida sezilarli o'zgarishlar kiritmoqda, shuningdek, ta'lim ham bundan mustasno emas. Individuallashtirilgan ta'limdan tortib ma'muriy tizimlargacha sun'iy intellekt allaqachon o'qitish va o'rganishga qanday yondashayotganimiz yo'lida ustunlikni qo'lga olgan. Maktablar va universitetlar sun'iy intellektni sinfda qo'llay boshlagani sababli transformativ o'zgarishlarga bo'lgan salohiyat juda katta. Ushbu maqolada sun'iy intellekt qay holda ta'limni rivojlantiriyotgani hamda bu talabalar, o'qituvchilar va ta'limning kelajagi uchun nimani anglatishi haqida ma'lumot beriladi.

Kalit so'zlar: sun'iy intellekt, moslashuvchan ta'lim, raqamli sinflar, interaktiv ta'lim, talabalarning faolligi.

Artificial Intelligence (AI) is rapidly becoming a cornerstone of modern education, fundamentally altering the way students approach learning and studying. By integrating advanced methods and machine learning techniques, AI offers personalized, adaptive, and interactive experiences that once seemed unbelievable. With AI's ability to analyze data, track progress, and offer instant feedback, studying has become more efficient, targeted, and accessible than ever before. Whether through AI tutoring systems, intelligent and virtual learning platforms, students now have an opportunity to study smarter. This transformation in studying is revolutionizing how learners of all ages engage with academic content, shaping the future of education in profound ways.

Actually, how is it influencing the way study? AI offers different ways of learning and gives a chance to learn things with easier and interesting techniques. It adapts the studying experience according to learner's intelligence, preferences and learning styles. For example, smart-studying assistants like teaching programs, apps or chatbots are great helper for personal studying. If you download these kind of AI "teachers" they will show you exact direction for making improvement on your skills according to your knowledge. AI assistants identify the degree of an educator by providing tests and questions and checking their level according to these examinations and offer step-by-step guidance, explanation based on learner's weakness. Taking these advantages into consideration, educational systems worldwide are introducing AI into lessons. California State University system has announced plans to integrate AI into teaching and learning across its campuses, aiming to become the first AI-powered public university system.

Moreover, many people are achieving their academic success with the contribution of AI programs that pitch the schedule of studying and help to manage the time effectively. For instance, you study 25 minutes and take a break.

After that , you learn necessary things by following online lessons and activities for 50minutes, then you can take a rest for 10 minutes. This methods should be used daily to make progress for your skills and knowledge ,also to provide productivity , because it was proved technique that one boy learnt and followed all the instructions of AI program to make his IELTS score higher, as a result, his score was renewed from 6.0 to 8.0 while 3 months of online preparation.

AI platforms are the best choice for learners whose communicative and social skills are not developed, because they help students work together more effectively in group projects. Also, some students tend to dislike individual learning cause of seeming bored from doing tasks alone without any partner or groupmates. AI platforms can organize collaboration by making group tasks, monitoring progress, and suggesting ways to optimize teamwork. These tools make group studying more organized and productive, encouraging communication and idea-sharing among students. Additionally , they tend to learn faster due to competition between them.

AI is also changing the way educators are trained and supported in their professional development. Machine learning algorithms can analyze teaching practices, providing feedback on how teachers can improve their lesson delivery, classroom management, and student engagement techniques. AI-powered platforms offer personalized training modules and resources based on a teacher's strengths and areas for growth. So educators have access to the latest teaching strategies and tools, making them more effective in the classroom. They can learn new methods of teaching, funny and interesting activities that can grab the attention of every student and they can impress them to wait upcoming lessons impatiently.

AI technology is a great educator with deep source of knowledge and lower costs. AI applications such as Wikipedia's AI-powered content management and other knowledge databases use AI to create knowledge graphs. These graphs link related topics and concepts, making it easier for users to navigate complex information. AI also helps in organizing, tagging the content, providing users with accurate and interconnected facts and resources. Or you can chat with voice assistants can that can answer questions, perform searches, and provide valuable information. These assistants are capable of offering quick responses to queries, helping users access general knowledge or even control smart devices. By integrating with other apps, voice assistants can offer even deeper insights on a variety of topics. What is more, AI has become increasingly affordable over the past few years, making it more accessible for wider audience . Despite being expensive and cost-prohibitive for many people, advancements in technology and

competition in the market have significantly reduced the costs of these components. AI platforms, where users only pay for the resources they use, have further reduced the need for individuals and organizations to invest in expensive equipment. There is no need to pay dollars to take specific courses for learning , just AI apps should be downloaded to study affordably.

To sum up, AI is transforming education in many ways, making learning more accessible, fast, efficient and personalized. With its ability to automate repetitive tasks, provide real-time feedback, and offer personalized learning experiences, AI is enabling students to study better. As AI continues to evolve, its potential to further revolutionize education remains vast, promising even more innovative ways to enhance the learning experience and prepare students for a rapidly changing world. By integrating the power of AI into our studying atmosphere, we can be sure about bright future of education.

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