How does AI play to its strengths in adult education?

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Adult education is a practice in which adults engage in systematic and sustained self-educating activities in order to gain new forms of knowledge, **skills**, attitudes, or values.

Mission of Adult education

The enjoyment of other human rights, for example, the right to work, health, participation in cultural life and the conduct of public affairs

Adult education and learning is an integral part of the right to education and lifelong learning and comprises 'all forms of education and learning that aim to ensure that all adults participate in their societies and the world of work.

It denotes the entire body of learning processes, formal and non-formal زrSo people develop their capabilities for living and working that support their own interests and their communities

Artificial intelligence

Artificial intelligence (AI) uses computers and other machines to accomplish complicated tasks typically associated with the human mind — like problem-solving and decision-making.

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1. Artificial intelligence can automate basic activities in education, like grading.
In college, grading homework and tests for large lecture courses can be tedious work, even when TAs split it between them. Even in lower grades, teachers often find that grading takes up a significant amount of time, time that could be used to interact with students, prepare for class, or work on professional development. It's now possible for teachers to automate grading all kinds of multiple choice and fill-in-the-blank testing

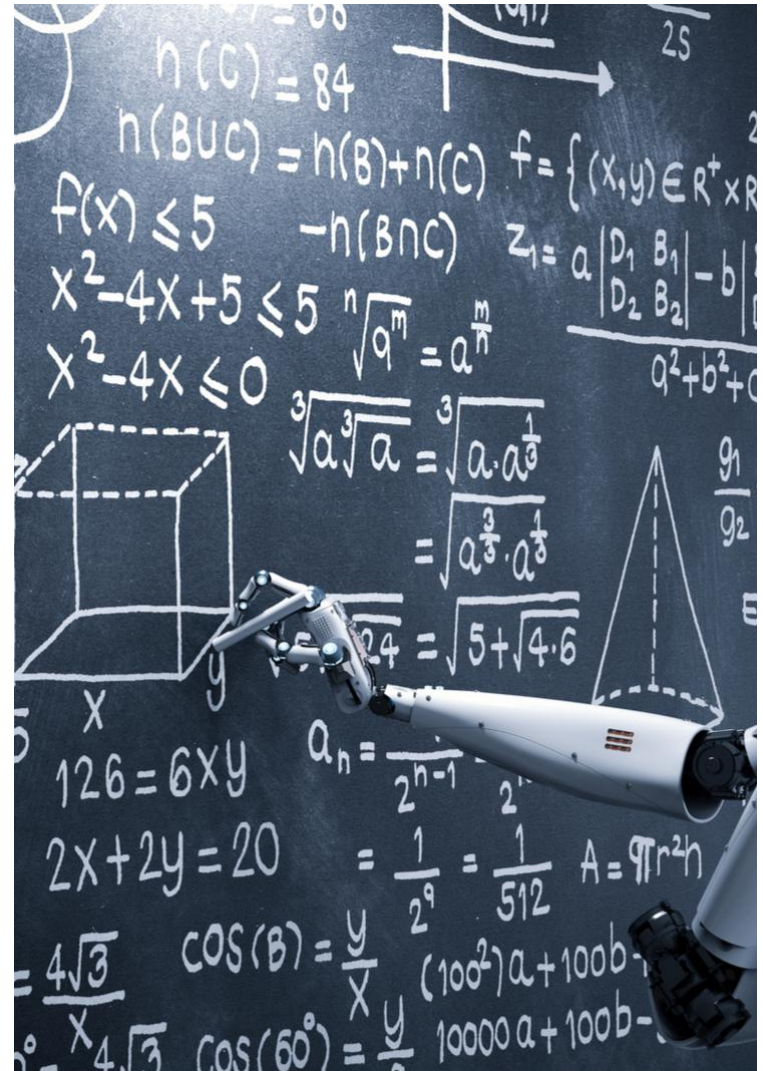**4. Students could get additional support from AI tutors.**

Some tutoring programs based on artificial intelligence already exist and can help students through basic mathematics, writing, and other subjects.

AI-driven programs can give students and educators helpful feedback.

AI can not only help teachers and students to craft courses that are customized to their needs, but it can also provide feedback to both about the success of the course as a whole

10. AI may change where students learn, who teaches them, and how they acquire basic skills.

Using AI systems, software, and support, students can learn from anywhere in the world at any time, and with these kinds of programs taking the place of certain types of classroom instruction, AI may just replace teachers in some instances (for better or worse).

What does AI mean for Adult Education? Some ideas

Thought 1	Roles of AI
Teaching basic skills to adults, including learning English, is undergoing an evolution in artificial intelligence.	• **Learning processes,** which cover smart classrooms, customized content, robotics and language learning • Automate assessment and feedback on written work • Simplify learner/talent acquisition by finding qualified students and staff • Reducing the burden of administrative and commercial operations • Assess students' current knowledge and ability to learn the language, provide adaptive content, and provide feedback • Revolutionizing corporate training with customized and adaptive support and real-time monitoring of workflows and bridging the gaps between training and performance
Intelligent Tutoring Systems	• in which AI-based software emulates a human tutor. When the student answers a computer-driven question, the AI analyzes the answers and provides customized feedback. Tutoring that are customized for each student may be integrated into existing learning management systems and eLearning platforms.

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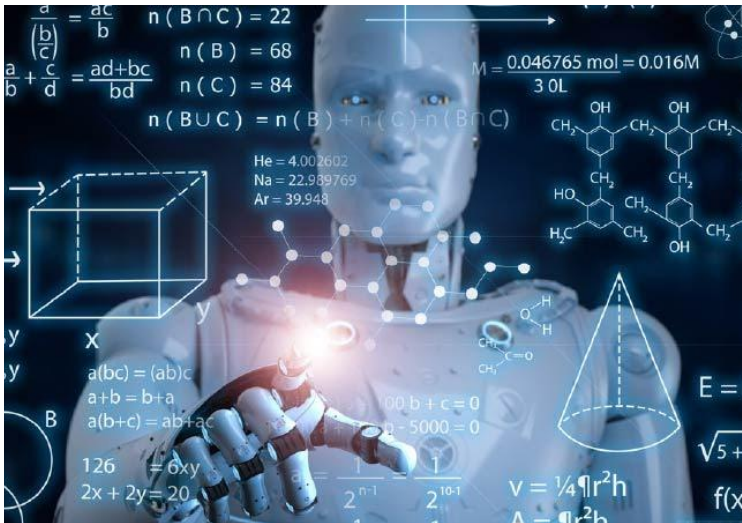| Thought 1	Roles of AI
Personalized Learning	• No two adult learns material in the same way. People have different learning styles and learn at different rates. AI have the ability to look at past performance data and learn about an individual's progress as they work. The AI can make adjustments in content, and feedback, providing personalized learning through a program tailored to each participant.
Assessment and Feedback	• Getting a learner to score in quizzes, tests and written work without explanation is a frustrating process, providing personalized feedback to each student is time consuming. • Artificial intelligence is able to automate this process, assess work and progress for each learner, and provide personalized feedback. Detailed feedback helps the student to understand what he has done well, where he needs improvement and how to make changes. It also helps the teacher assess student achievement and customize content and pace to meet each student's unique needs.

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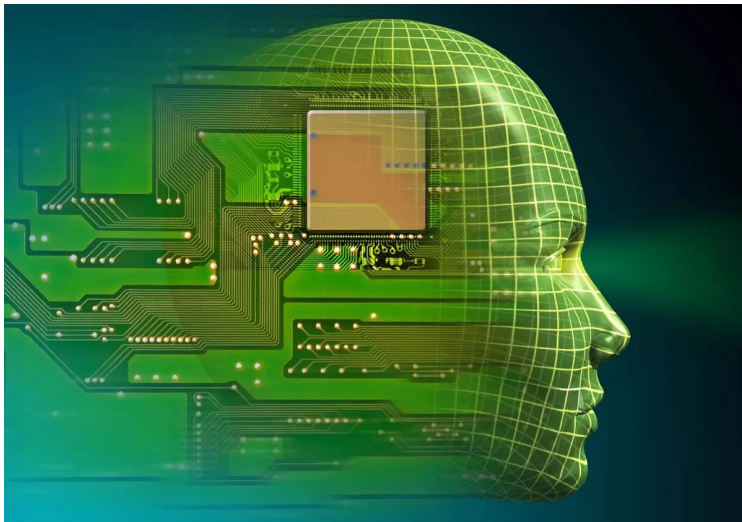| Thought 1	Roles of AI
online and distance education and remote learning among adult learners	• AR/VR and EdTech learning platforms to facilitate advanced learning concepts and methods.
short-duration programs; while **AI Chatbot based eLearning platforms**	Educational chatbots have turned into effective solutions for eLearning management systems, allowing for the reduction of service for frequently asked questions to teachers and schools. The main attributes of AI-based educational chatbots are learning support (allowing learning content deployment, assessing students' progress and providing feedback by means of FAQ chat interfaces);

the market size of artificial intelligence in education is expected to reach $6 billion by 2024. Learning on demand is the next innovative use of artificial intelligence in adult education. When programs can be fully self-paced, traditional classrooms and study times will become obsolete.

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Conclusions

There are few, if any, examples of AI tools specifically designed for adult learners. Artificial intelligence has not made a big difference in adult education, but this is an opportunity to work on finding applications of AI to support adult education.

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