AI with the Friday Institute

AI + Education

Generative AI

Generative AI, a subset of artificial intelligence, creates new and relevant content by learning patterns from existing data. Applied in fields like art and content creation, its classroom applications are explored below with example tools/resources to get educators started.

AI + Personalization:

AI can analyze a student's learning style, strengths, and weaknesses to provide tailored learning experiences, which can help the student learn more efficiently and effectively.

tutorai.me **Curipod**

AI + Flexibility:

AI can provide on-demand learning and support, making it easier for students to access materials and assistance at any time, from anywhere with an internet connection.

Diffit.me **Eduaide.AI**

AI + Adaptivity:

AI can continuously adapt to a student's progress, adjusting the difficulty level of content or activities in real-time to optimize the learning process and provide a more challenging experience as the student improves.

Quizizz **Question well.org**

AI + Collaboration:

AI can facilitate collaborative learning and group work by analyzing the strengths and weaknesses of individual students and grouping them with others who complement their skills.

Dall-E **AI for Education.io**

AI + Innovation:

AI can provide new and innovative ways of delivering educational content, such as interactive simulations, virtual reality, and gamification, which can make learning more engaging and fun for students.

Open.AI Teacher Resources **Teachai.org**

AI + Ethics

In late 2022, the White House published the "Blueprint for the AI Bill of Rights: Making Automated Systems Work for the American People". The AI Bill of Rights presents five core principles for responsible use of AI with a focus on safeguarding the rights of the American public. Consider how these can inform critical thinking and class discussion.

SAFE AND EFFECTIVE SYSTEMS	ALGORITHMIC DISCRIMINATION PROTECTIONS	DATA PRIVACY	NOTICE AND EXPLANATION	HUMAN ALTERNATIVES, CONSIDERATION AND FALLBACK
AI should be safe and effective.	AI should not discriminate unjustly.	Data privacy and security should be protected.	Users should know when AI is being used and know how it affects them.	Users can opt out and interact with a person.

www.whitehouse.gov/ostp/ai-bill-of-rights

Interested in learning more about how we can support your AI implementation?
Go to go.ncsu.edu/aiwiththefi

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