AI Rethought

MODULE 1:

INTRO TO GEN AI

Presented by AIR

AGENDA

1 Intro to Course

2 Intro to Gen AI

3 Enhancing Productivity with AI

4 Myths about AI

5 Q&A

PRE SESSION ASSESSMENT

https://tinyurl.com/airethought

AiR
(AI Rethought)

Ice Breakers!

What's your favorite book or movie?

What's the most interesting place you've ever visited?

How do you think AI could change the way we teach and learn in the next few years?

What's your name?

What do you teach?

OUR COURSE

Understanding Generative AI Fundamentals

Grasp the basic concepts and types of generative AI tools. Identifying various AI tools (text, speech, image, video), understanding their functionalities, and recognizing their applications in teaching.

Creative Integration of AI in Teaching

Explore innovative ways to incorporate AI into lesson planning and classroom activities. Designing lessons using AI-generated content, creating multimedia resources, and using AI for real-time feedback during classes.

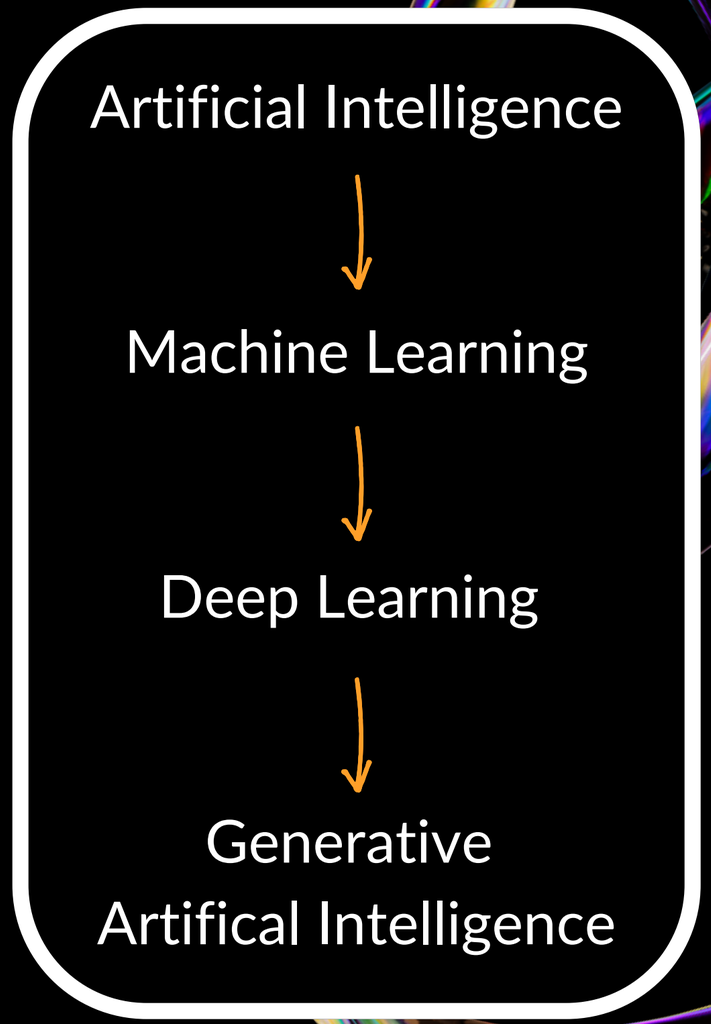
Enhancing Productivity Through Automation

Learn to automate administrative tasks and streamline workflows using AI tools. Implementing tools for email automation, data organization, and scheduling, effectively managing classroom responsibilities.

INTRO TO GEN AI

Artificial Intelligence (AI) is the broader field of computer science focused on creating systems that can perform tasks that typically require human intelligence, such as reasoning, learning, and problem-solving.

Generative AI is a subset of AI that specifically focuses on creating new content—like text, images, or music—by learning patterns from existing data. Think of it as a specialized tool within the larger toolbox of AI.



TYPES OF GEN AI

TEXT TO TEXT

Converts a textual or contextual prompt into written content.

Example: Stories, Response to your Questions
Tools: ChatGPT, Claude, Google Gemini

TEXT TO IMAGE

Transforms a textual or contextual prompt into visual imagery.

Example: Graphics, Designs, Slideshows
Tools: Dall-e 3, Firefly, Midjourney

TEXT TO VIDEO

Converts a textual or contextual prompt into video content.

Example: Animations, Video Clips
Tools: Sora, Invideo, Runaway ML, Luna Labs

TEXT TO SOUND

Generates audio content from a textual or contextual prompt.

Example: Music, Sound effects, Voiceovers
Tools: Soundraw, Loudly, Descript

ENCHANCING PRODUCTIVITY WITH AI

Automating Administrative Tasks

Automate routine administrative tasks like scheduling and email management, freeing up educators' time to focus on teaching. This increases efficiency and improves classroom organization.

Streamlining Lesson Planning

Quickly creates tailored lesson plans by suggesting relevant resources based on curriculum standards and student needs. This makes planning more efficient and enhances educational quality.

Data Analysis and Student Feedback

Analyzes student performance data to provide insights into learning trends and areas for improvement. This enables targeted interventions and personalized support, enhancing teaching effectiveness and student outcomes.

DEBATE TIME !

Is the use of AI truly optimal for enhancing educational outcomes, or could it undermine traditional learning methods?

MYTHS ABOUT AI

Myth 1: AI Will Replace Teachers

Myth 2: AI Is Too Complex to Understand

Myth 3: AI Encourages Cheating and Plagiarism

TRUTH ABOUT AI

- AI is not designed to replace teachers but to assist them. The human touch in teaching—empathy, mentorship, and creativity—remains irreplaceable.
- AI may seem complicated, many tools are user-friendly and designed for non-technical users. With basic training, teachers can effectively integrate AI into their classrooms without needing advanced technical skills.
- AI can actually promote academic integrity when used correctly. By designing assignments that require critical thinking and creativity. Additionally, educators can use AI detection tools.

QNA

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THANK YOU

for your time and attention

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