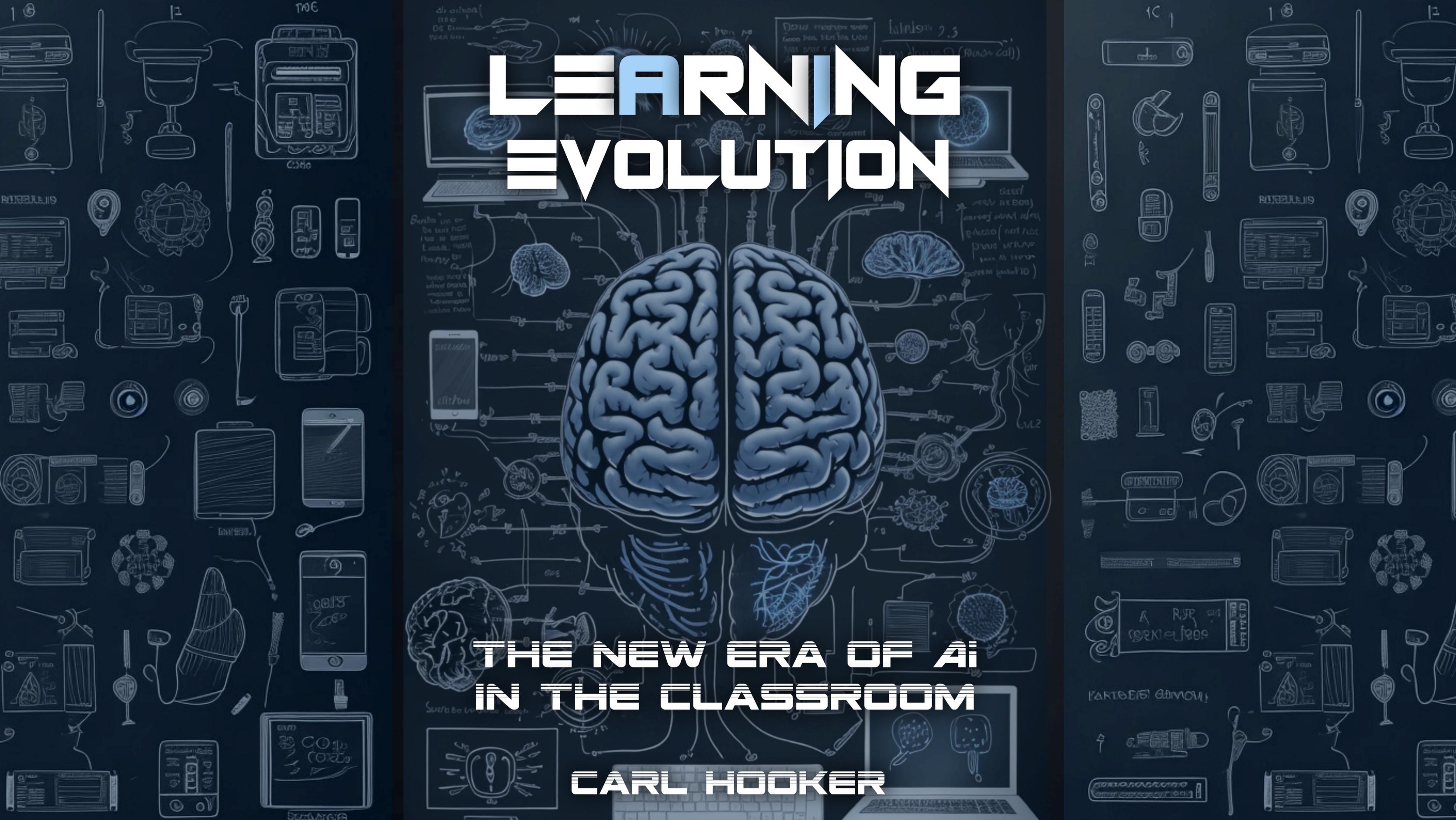


LEARNING EVOLUTION

THE NEW ERA OF AI
IN THE CLASSROOM

CARL HOOKER





What if....

You took song lyrics
and then added
them to an
A.I. Image
generator?

karAIoke









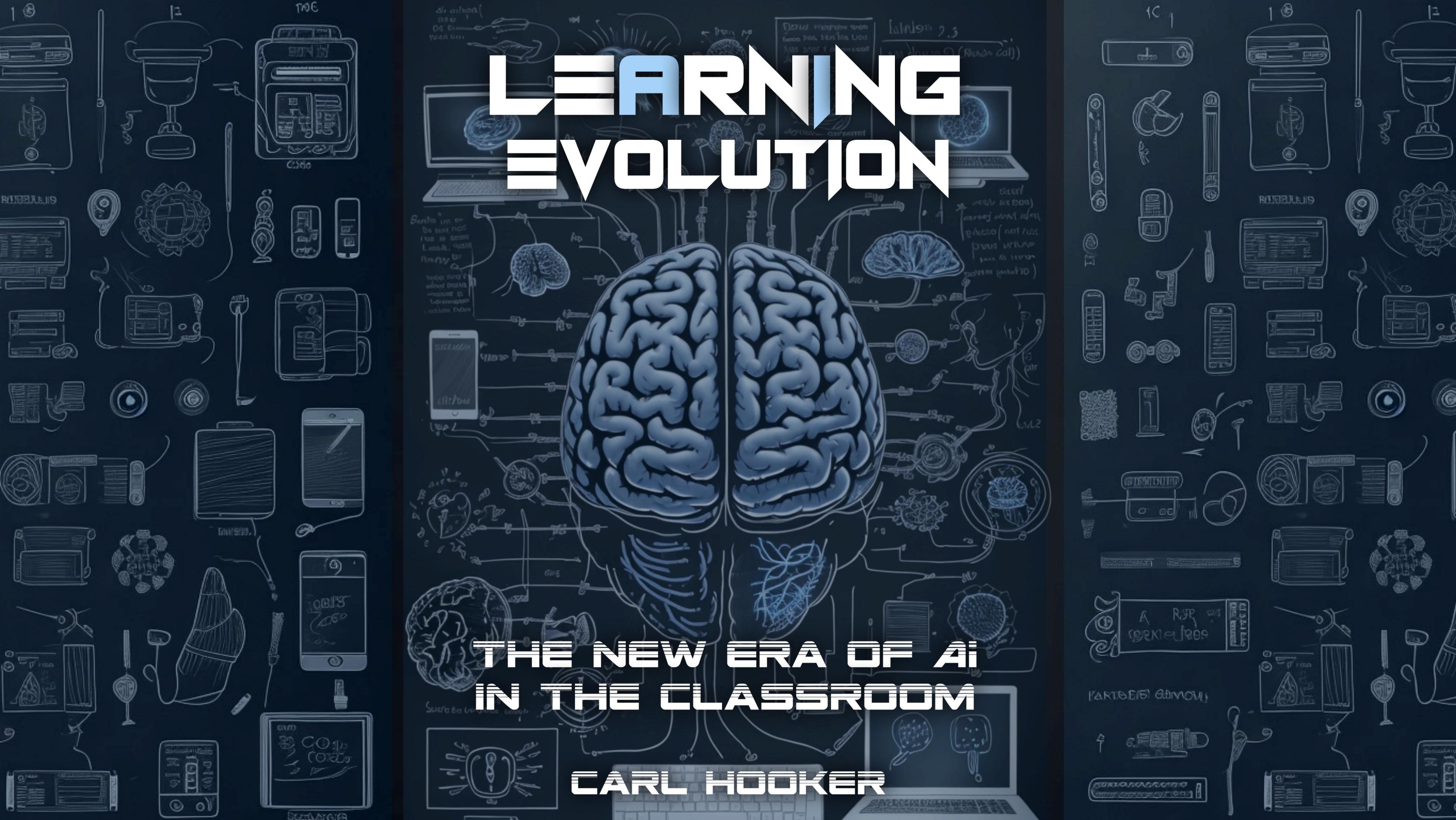




LEARNING EVOLUTION

THE NEW ERA OF AI
IN THE CLASSROOM

CARL HOOKER





CARL HOOKER:

27-years in education

Podcast host

Co-founder K12Leaders

Author

Father

Husband



**“Reimagine this kid as
a 50-year old man”**



**“Reimagine this
guy as a 10-year
old kid.”**

**“Now give him a
goatee.”**

**“Reimagine these
3 girls as 40-year
olds.”**

**“Now reimagine
these 3 girls as a
80-year olds.”**











1983



**10 YEARS
LATER....**

1995



JURASSIC PARK









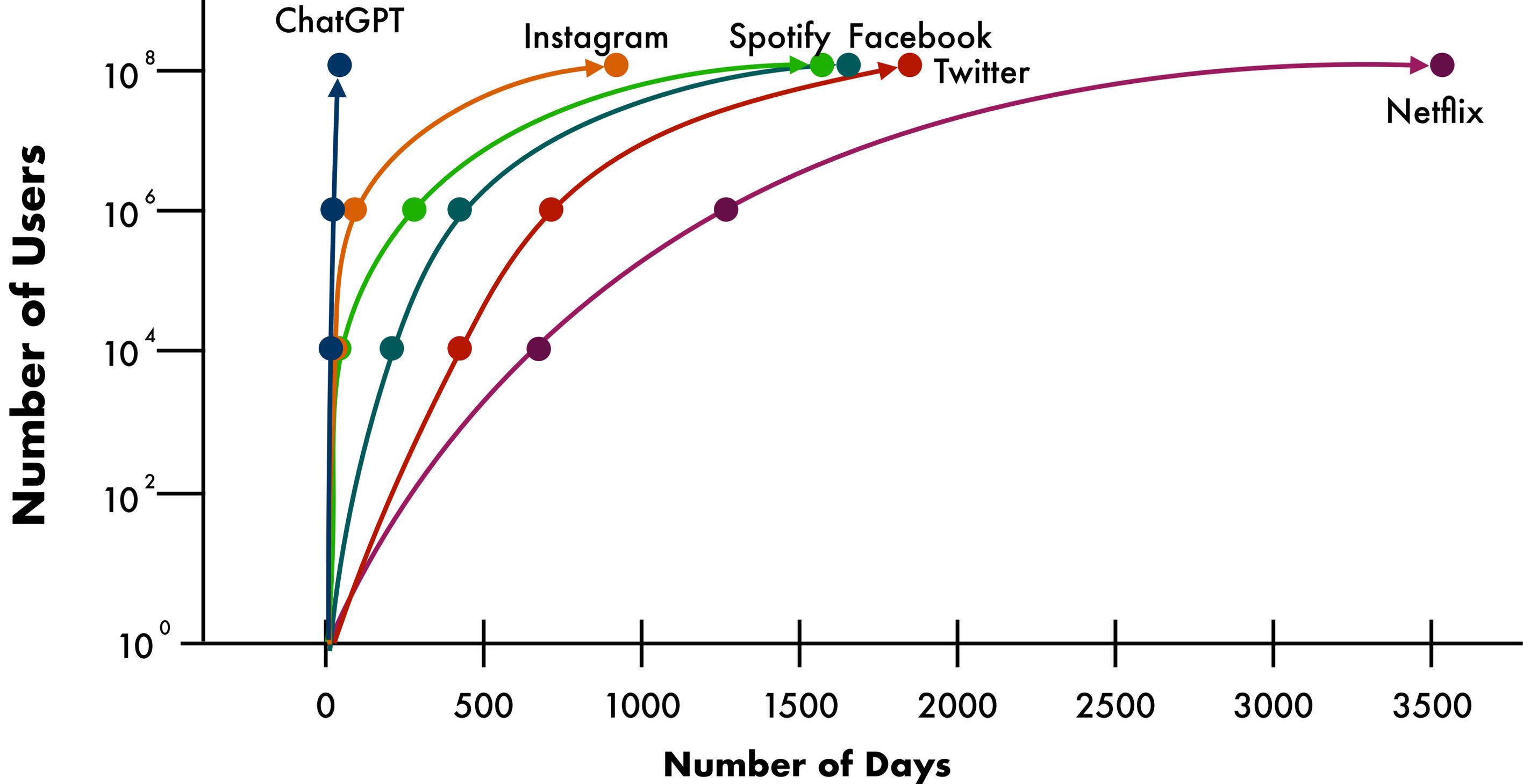


AI-generated graphic using Canva's Text-to-image tool



EVOLVE OR GO EXTINCT?

Number of days to 100,000, 1 Million, and 100 Million users by technology platform



LEARNING EVOLUTION

**DISCUSS,
SHARE & VOTE**

**What is your
biggest
concern with A.I.?**



02

MINUTES
00

Post thoughts: mrhook.it/poll

What are your biggest concerns around AI?

Nobody has responded yet.

Hang tight! Responses are coming in.

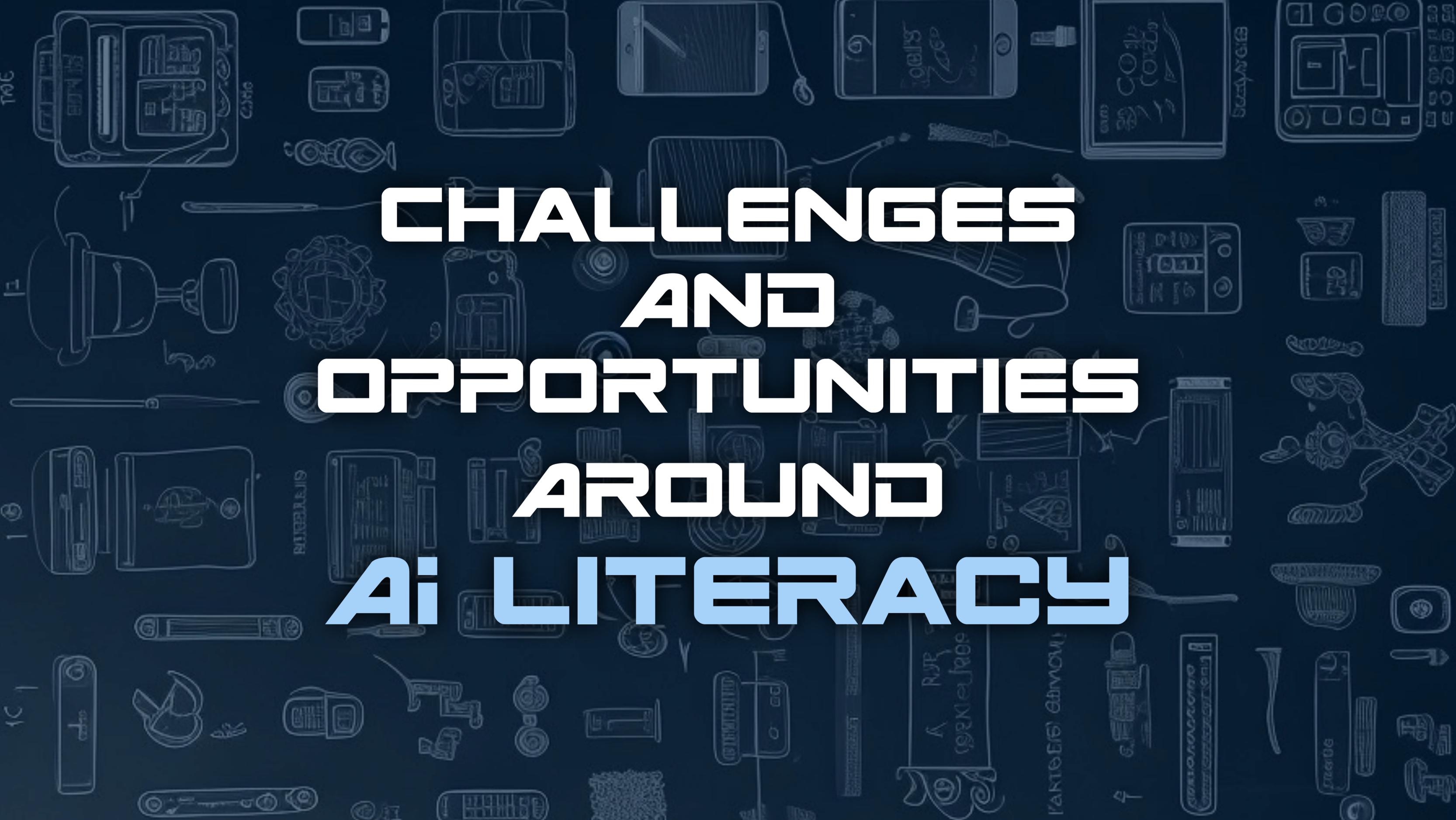
LEARNING



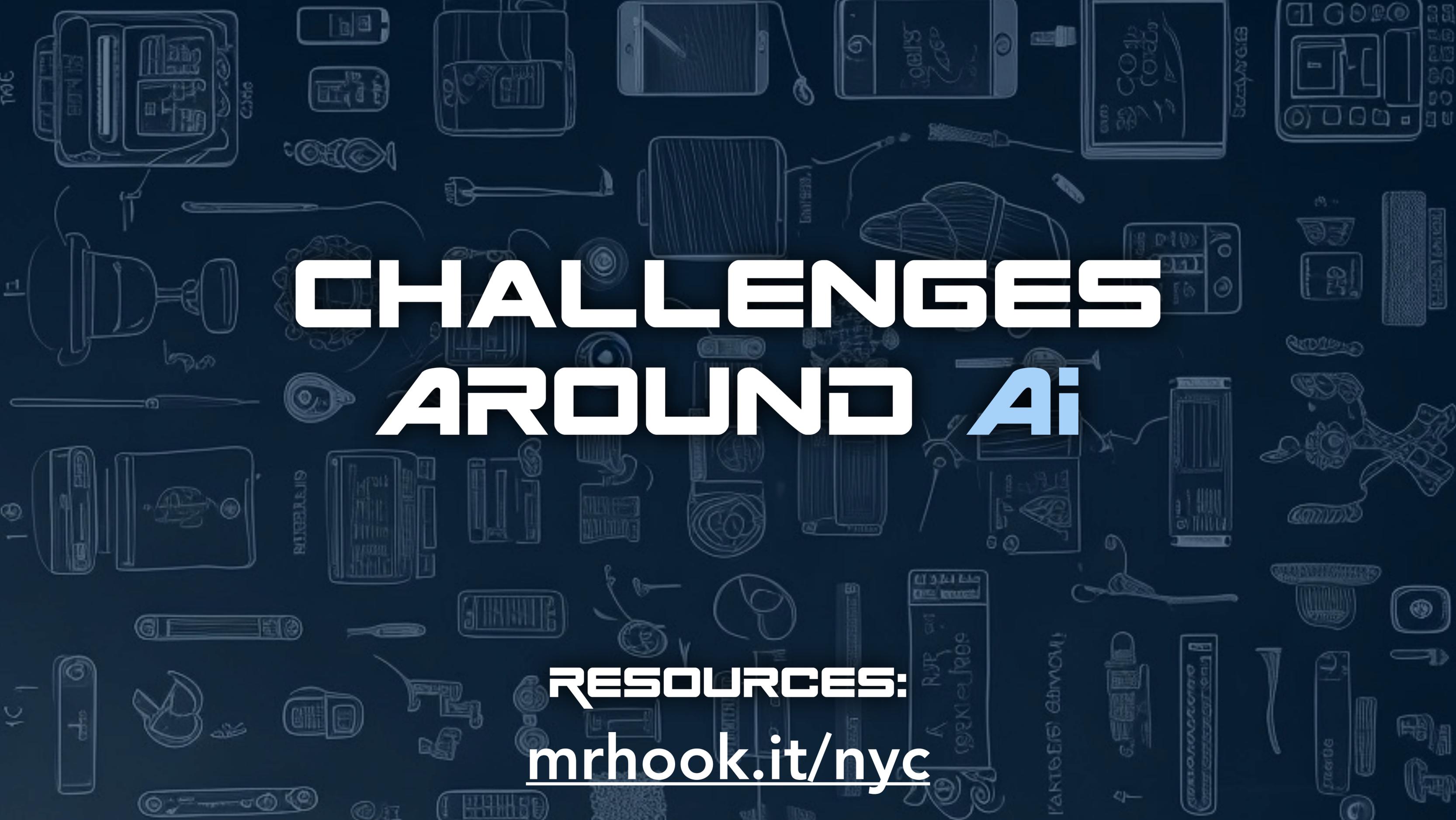
STAND

WALK



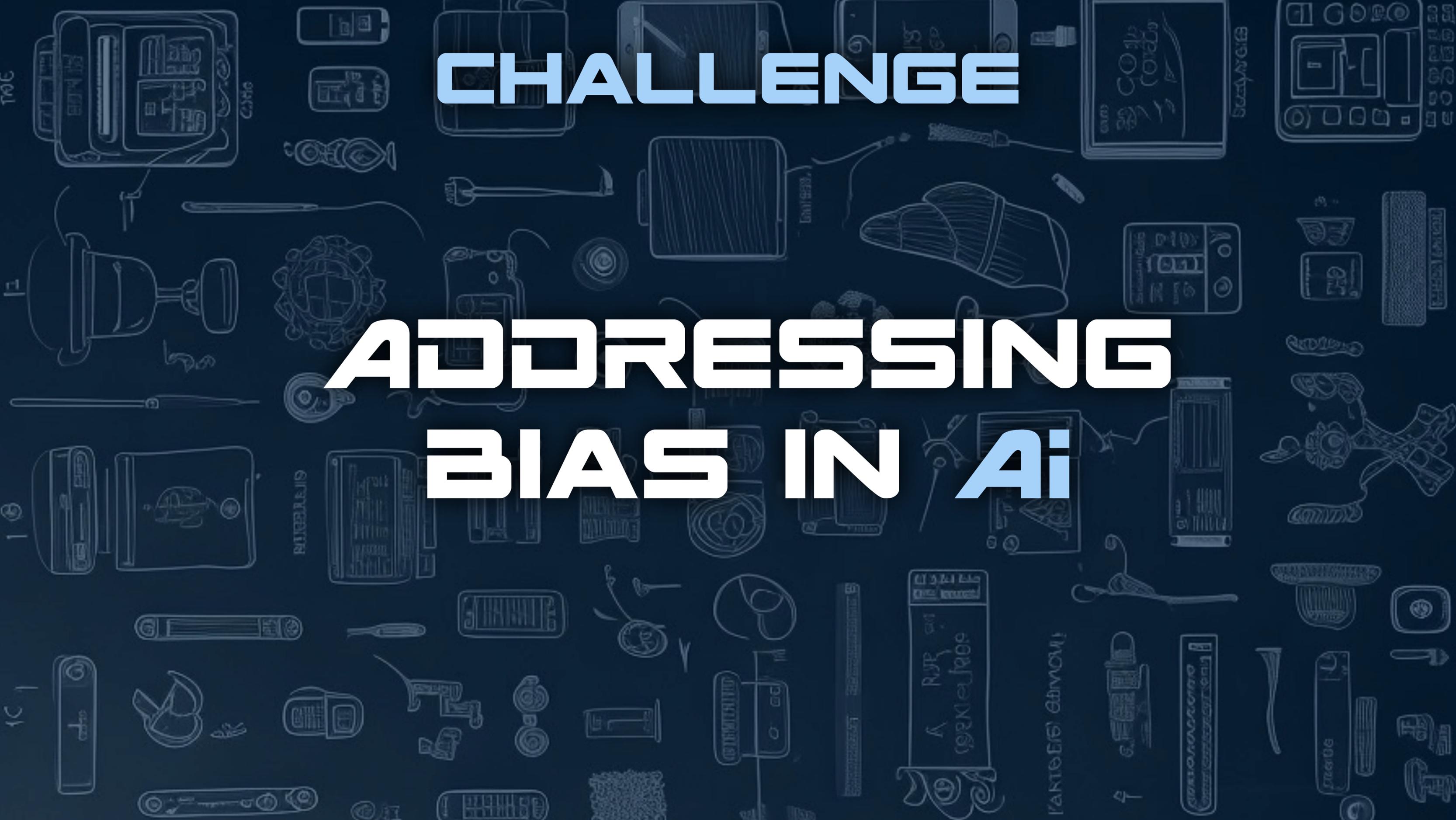


**CHALLENGES
AND
OPPORTUNITIES
AROUND
AI LITERACY**



CHALLENGES AROUND Ai

RESOURCES:
mrhook.it/nyc



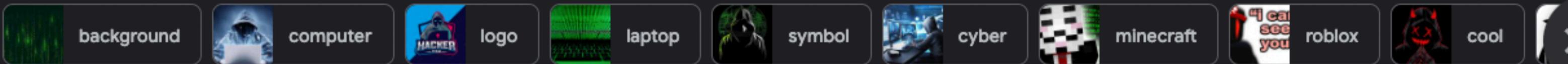
CHALLENGE

**ADDRESSING
BIAS IN AI**

CHALLENGE 1 - BIAS IN AI

Let's try an
experiment in bias

When you hear the word “**hacker**”
what image forms inside your mind?
What does the **hacker** look like?
What are they wearing?
What kind of room are they in?
What is on the computer screen?



Medium Hacker Can Do to Your Com...



NEWS10 ABC Longer passwords make it more ...



Metatime What Is a Hacker? What Are the Type...



VMware Blogs Motives for Hacking ...



IMDb Hacker 3.0 (Short 2...



Hacked.com How to Avoid Being Targeted by Hackers



Avast Hacking Definition | Avast



Simplilearn.com Ethical Hacking Tools and Software for ...



CNBC cyberhacks still impacting consumers t...

ADDRESSING BIAS IN AI

Prompt:
[Generate an
image of a
doctor and a
teacher getting
married]



Biases present:

- Gender roles
- Race
- Male/Female
- Religion
- Height/Weight
- Hair color?

Credit:
Michelle Manning

CHALLENGE

**MEDIA LITERACY,
DEEP FAKES &
MISINFORMATION
WITH Ai**

RESOURCES:

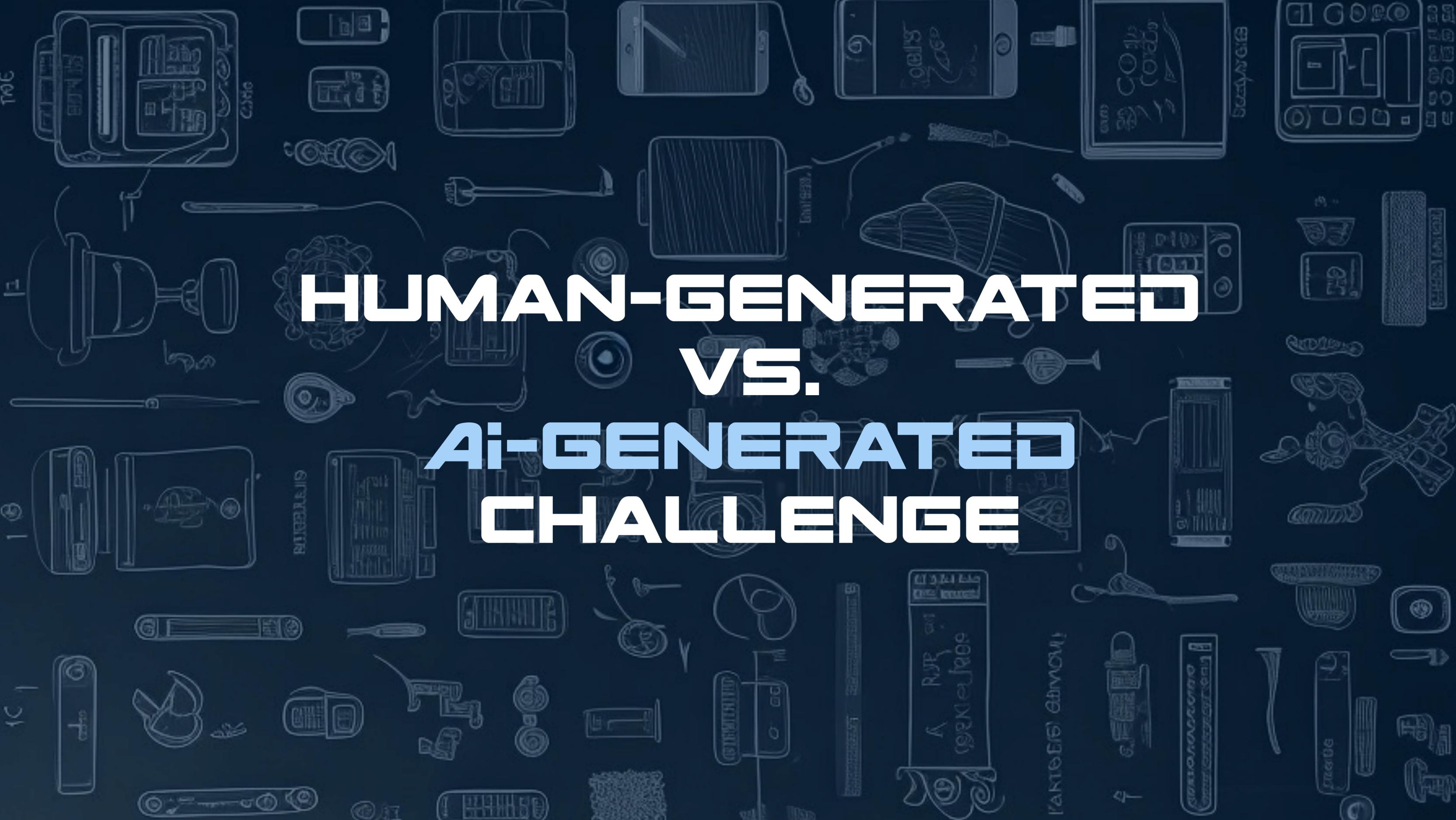
mrhook.it/nyc



UNIEL
UNIEL
UNIEL







HUMAN-GENERATED
VS.
AI-GENERATED
CHALLENGE

WHICH IS AI-GENERATED?

STAND

SIT

WHICH IS AI-GENERATED?



STAND



SIT

WHICH IS AI-GENERATED?



STAND



SIT

HUMAN OR AI?

If your goal is to lose five actual pounds by next weekend, I have some bad news: It's basically impossible to lose that much body fat in a week. Womp womp. Since it's such a short amount of time, even if you incorporate some healthy lifestyle changes (more on that later) the most you'll be able to lose is about a pound, says Wendy Leonard, RD, founder of Rhode Island Nutrition Therapy.

HUMAN

STAND=HUMAN

SIT=AI

WHICH IS AI-GENERATED?

Song 1

STAND



Song 2

SIT

WHICH IS AI-GENERATED?



Carl Hooker @mrhooker

STAND

SIT

A man with a goatee and a dark jacket is speaking into a microphone with a pop filter. The background is dark with blue lighting. A blue banner at the bottom left contains the text "Carl Hooker @mrhooker".

Carl Hooker @mrhooker

LEARNING EVOLUTION

2024 Top uses of AI 2025

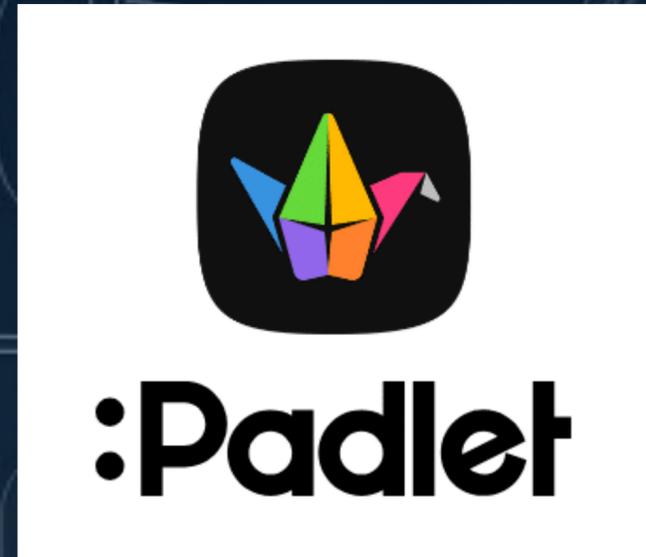
- 1 Generating Ideas
- 2 Therapy/Companionship
- 3 Specific Search
- 4 Editing Text
- 5 Exploring Topics/interest
- 6 Fun & nonsense

LEARNING EVOLUTION

2024 Top uses of AI 2025

- 1 Generating Ideas
- 2 Therapy/Companionship
- 3 Specific Search
- 4 Editing Text
- 5 Exploring Topics/interest
- 6 Fun & nonsense

- 2 Organizing my life
- 3 Finding Purpose
- 4 Enhanced Learning
- 5 Generating code
- 6 Generating Ideas



:Padlet

Carl Hooker + 33 • 6d

KarAIoke Songs

Use the "I Can't Draw" feature to have AI create a visual representation of a song

- Another one bites the dust**


0 likes | 1 comment | Mark Smith 6d sandstorm
- Eye of the tiger**


1 like | 1 comment | Anonymous 6d
- leaving on a jet plane**


0 likes | 1 comment | Mark Smith 6d
- thunderstruck**


0 likes | 1 comment | Mark Smith 6d
- Diamonds on the soles of her shoes ;)**


0 likes | 2 comments | Anonymous 6d
- Bridge over troubled water**


0 likes | 1 comment | Anonymous 6d
- Big Yellow Taxi- Joni!**


0 likes | 1 comment | Cassie Grant 6d
- Little Red Corvette**


0 likes | 1 comment | Anonymous 6d
- Eye of the tiger**


0 likes | 0 comments | Add comment
- leaving on a jet plane**

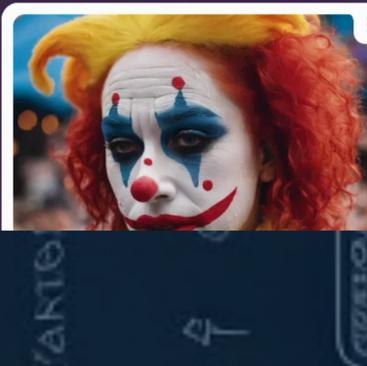

0 likes | 0 comments | Add comment
- thunderstruck**

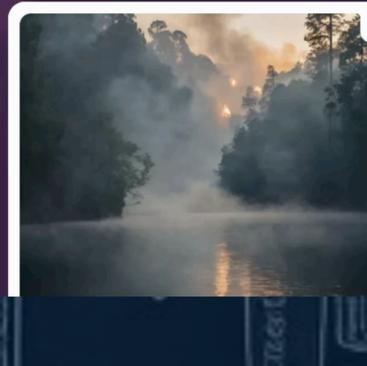

0 likes | 0 comments | Add comment
- Big Yellow Taxi- Joni!**


0 likes | 0 comments | Add comment
- Big Yellow Taxi- Joni!**


0 likes | 1 comment | Cassie Grant 6d
- Little Red Corvette**


0 likes | 0 comments | Add comment
- leaving on a jet plane**


0 likes | 0 comments | Add comment
- thunderstruck**


0 likes | 0 comments | Add comment
- Little Red Corvette**


0 likes | 0 comments | Add comment



ChatGPT

Create an infographic about my book "Learning Evolution"



LEARNING EVOLUTION

THE NEW ERA OF AI IN THE CLASSROOM

NAVIGATING THE AI REVOLUTION IN EDUCATION

INTRODUCTION TO AI IN EDUCATION



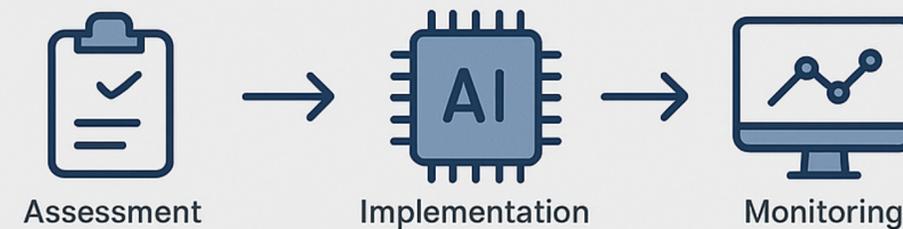
OPPORTUNITIES PRESENTED BY AI



CHALLENGES AND ETHICAL CONSIDERATIONS



FRAMEWORK FOR RESPONSIBLE AI INTEGRATION





Song Description ?

a heavy metal song about being frustrated when people forget to turn their computer off and on again

100/200

Instrumental ?

Create 



Turn It Off, Turn It On

relentless heavy metal blister...

[Verse]

Frozen screen

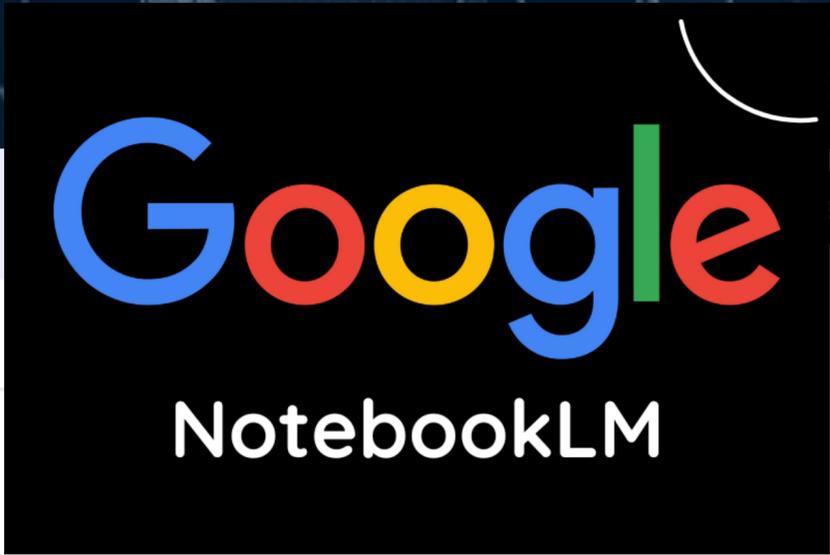
Pure rage

Tech support

Useless plague

System crash





Learning Evolution Podcast recap

Sources

Chat

Studio

Audio Overview

Video Overview

Mind Map

Reports

Flashcards

Quiz

Infographic

Slide Deck

Generating Audio Overview... Come back in a few minutes

Generating Audio Overview... Come back in a few minutes

AI in the Classroom... 1 source · 83d ago

New note 418d ago

Add note

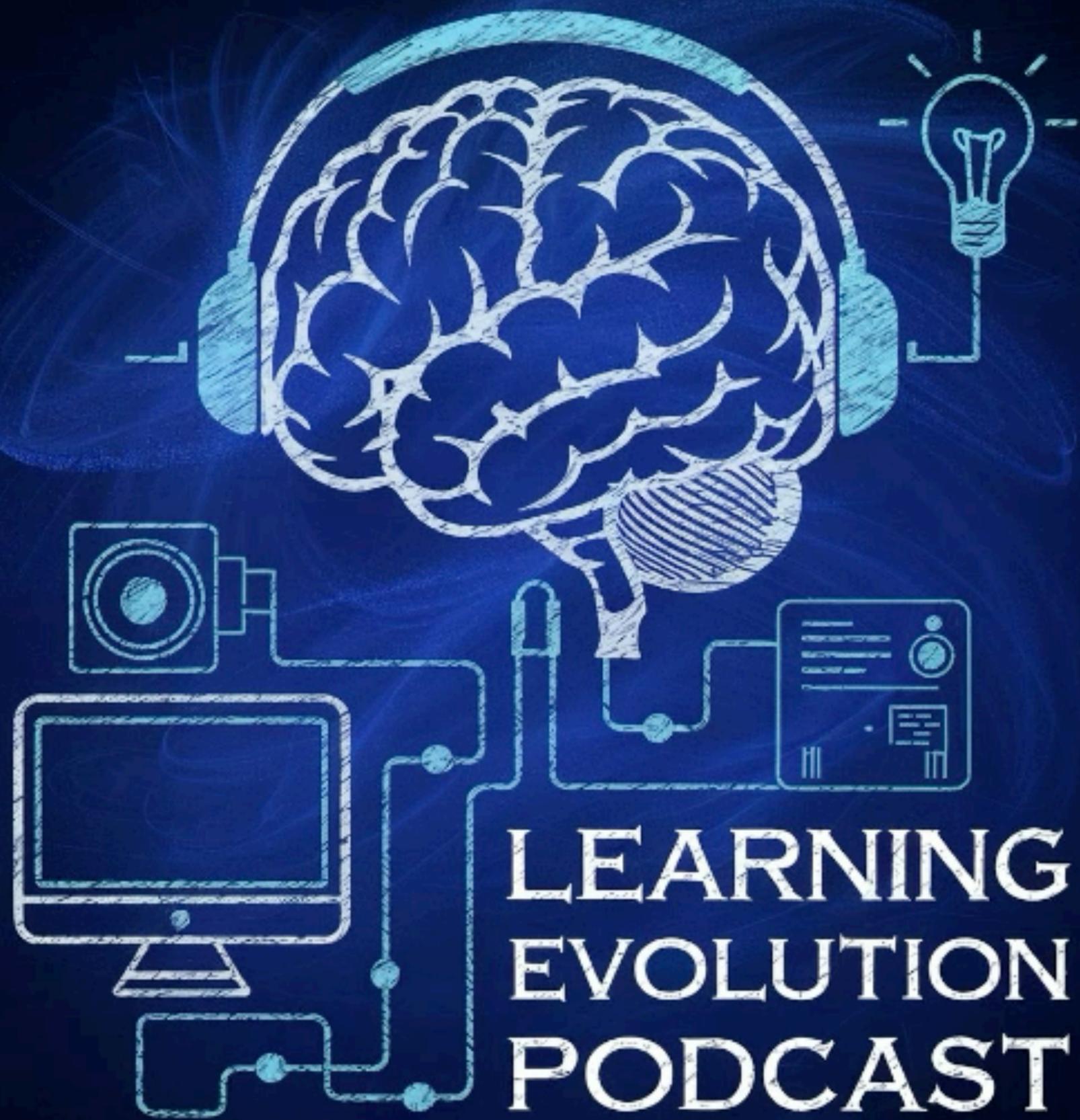
1 source

The text provides excerpts from a book exploring the intersection of advanced technology and education, beginning with a personal tribute to the author's father, **Ray Hooker**, linking his life to the realization that technology grants "extra" time and opportunity. The central argument posits that generative AI, exemplified by tools like **ChatGPT**, represents an evolutionary shift in the knowledge industry, much like CGI transformed film, necessitating that educators learn to utilize it. The author clarifies that this is not about AI replacing human roles but rather enhancing work by serving as a co-pilot to help educators save time and enable students to foster deeper understanding. A substantial focus is placed on ethical considerations, particularly addressing issues of **AI hallucination** and **embedded bias** within training data, which requires a new emphasis on digital and media literacy. The material concludes with practical guidance, breaking down numerous ways educators and administrators can leverage **Large Language Models (LLMs)** and **AI creativity tools** for everything from drafting emails to designing new, process-focused assessments that resist

Start typing...

How did the author's father influence his perspective on technology and human connection?

How will artificial intelligence impact future teaching and student learning?



LEARNING EVOLUTION PODCAST

Customize Audio Overview



Format

Deep Dive



A lively conversation between two hosts, unpacking and connecting topics in your sources

Brief

A bite-sized overview to help you grasp the core ideas from your sources quickly

Critique

An expert review of your sources, offering constructive feedback to help you improve your material

Debate

A thoughtful debate between two hosts, illuminating different perspectives on your sources

Choose language

English



čestina

créole haïtien

dansk

Deutsch

eesti

Length

Short



Default

Long

on in this episode?

cus

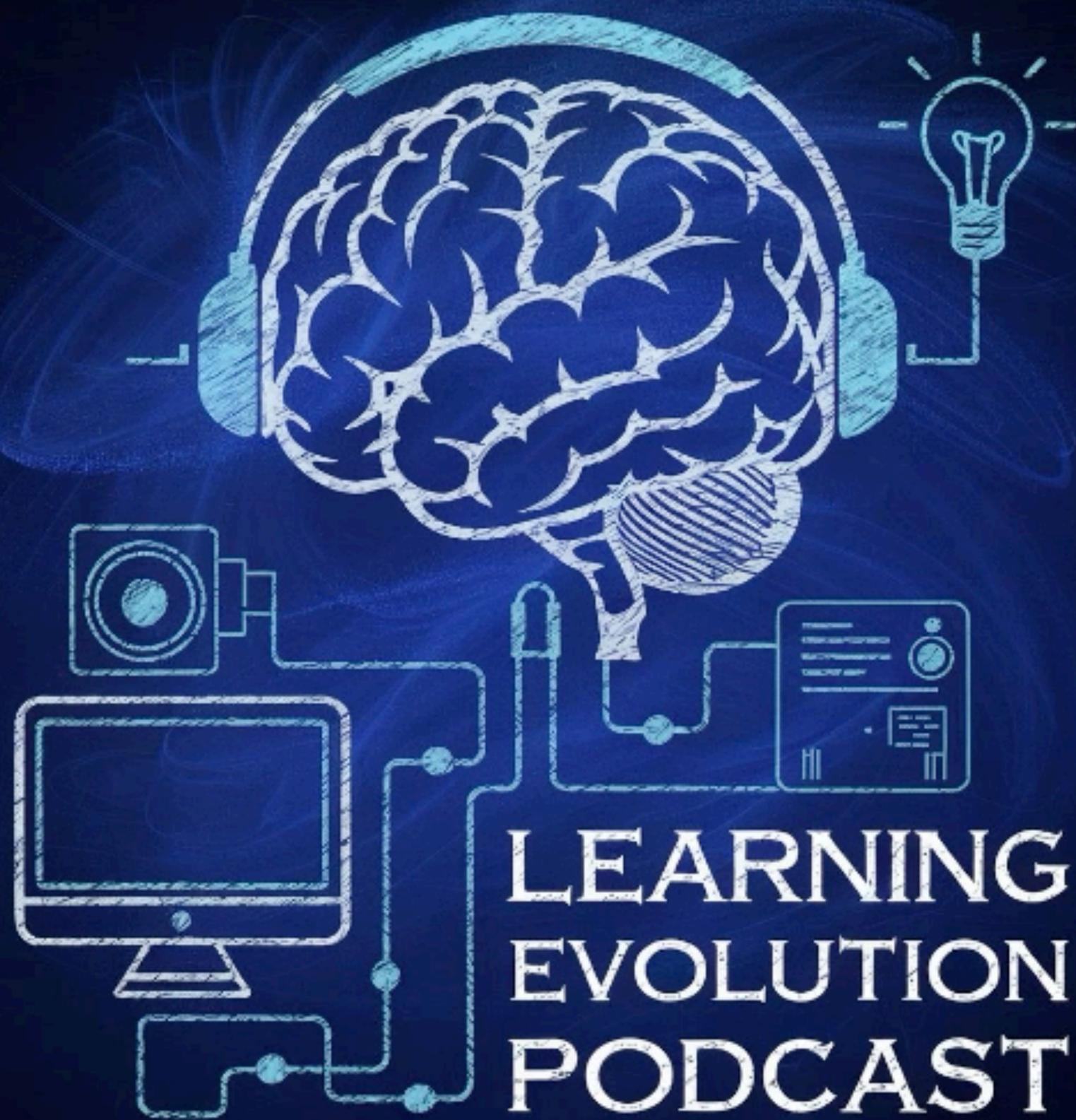
re ("only cover the article about Italy")

SOU ("just discuss the novel's main character")

ope ("explain to someone new to biology")

lier

Generate



**LEARNING
EVOLUTION
PODCAST**

The background is a dark blue field filled with numerous light blue line-art sketches of various tools and objects. These include wrenches, screwdrivers, pliers, hammers, saws, and other mechanical instruments. There are also some sketches of electronic components and tools like a pencil and a marker. The sketches are scattered across the entire background, creating a technical and creative atmosphere.

OPPORTUNITY

**UTILIZING AI TO
HAVE A DEEPER
IMPACT
ON LEARNING**



10 min

PLAY ▶

Why Some Educators Are Paying Very Close Attention to Artificial Intelligence

F2D: Forward to Different

How To

[Listen on Apple Podcasts ↗](#)

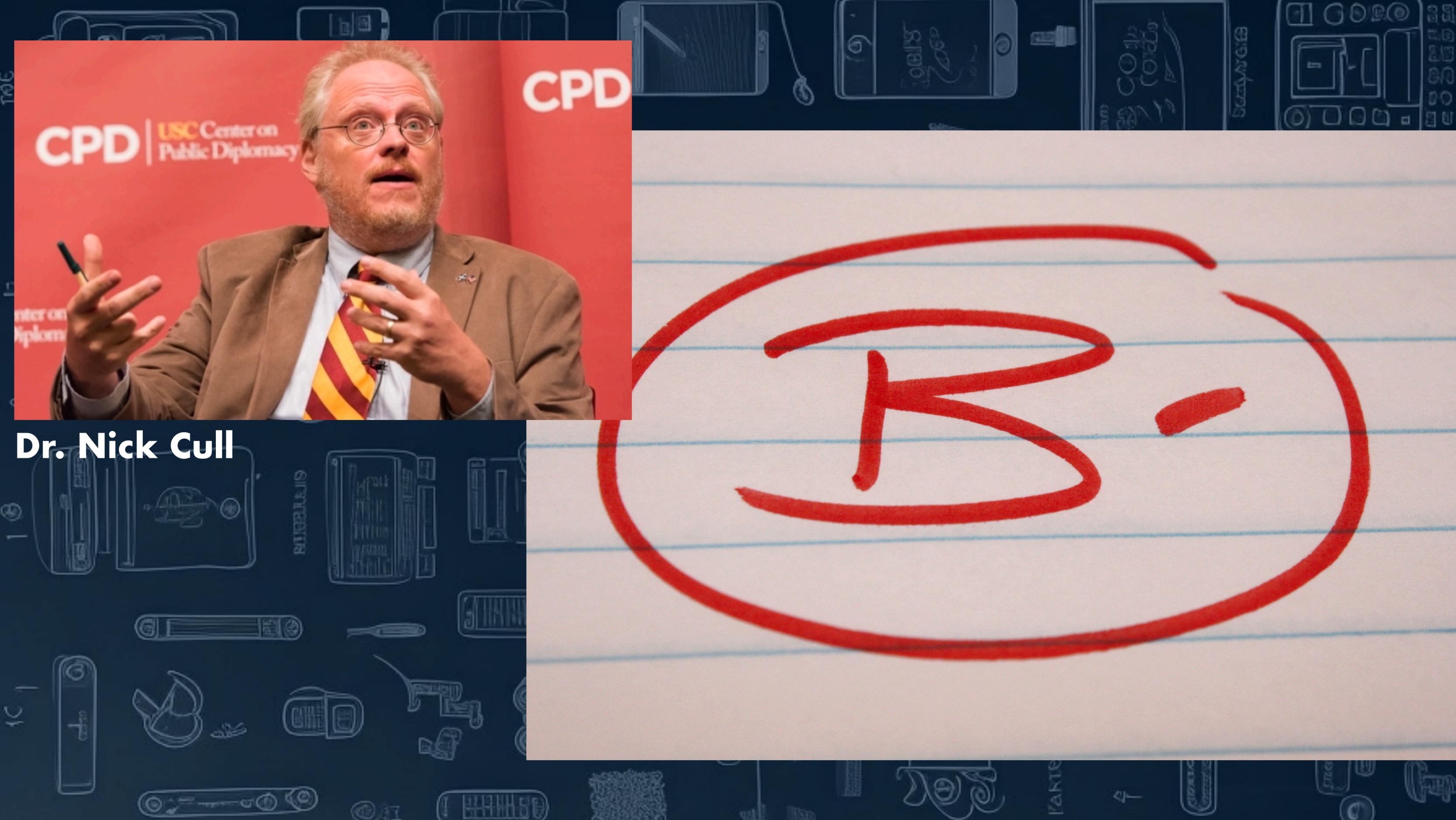
Throughout history, technological innovations have affected society in profound ways. Rarely does an invention come along that makes a seismic shift in the way we think and learn. What does history tell us about the future of education? A historian explains why artificial intelligence is very different from what we know, and why rapidly evolving is so important.

Follow on Twitter: @mrhooker @bamradionetwork @

Nicholas J. Cull Ph.D is a historian and professor in the Annenberg School for Communication and Journalism, the founding director of this program and ran it from 2008 to 2015 at the University of Leeds. As a graduate, he studied at Princeton University as a Harkness Fellow of the Commonwealth Fund of New York. Cull's research and teaching interests are broad and inter-disciplinary, and focus on public diplomacy, the role of advocacy, culture, exchange, broadcasting, and public opinion research in foreign policy. Cull has also worked more broadly on the history of propaganda, film, television and radio history and the role of mass media as a source for historical study. He is best known for detailed historical studies of the institutions behind public diplomacy and for emphasizing the importance of "listening" as a pre-condition for successful public diplomacy. He coined the term



Dr. Nick Cull



Dr. Nick Cull

ES!



“THINGS FOUND AT A BBQ COOK-OUT”



list 50 things you would find at a bbq cook-out

< 2 / 2 >



Stop generating

WHAT AI CAN DO FOR STUDENTS



Brainstorm ideas



Feedback & editing suggestions



Review your work



Help create visuals



Tutoring & support

WHAT AI CAN NOT DO FOR STUDENTS



Care for them



Motivate them to learn



Be empathetic



Understand their learning style



Provide life guidance

SITUATIONAL AI USAGE DURING THE LEARNING PROCESS

Utilize AI for:
Idea generation,
brainstorming, or
creative blocks

CONCEPT



DESIGN



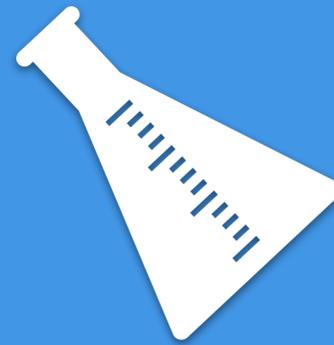
Utilize AI to:
Create models,
images, visuals,
outlines or first
drafts

REFLECT

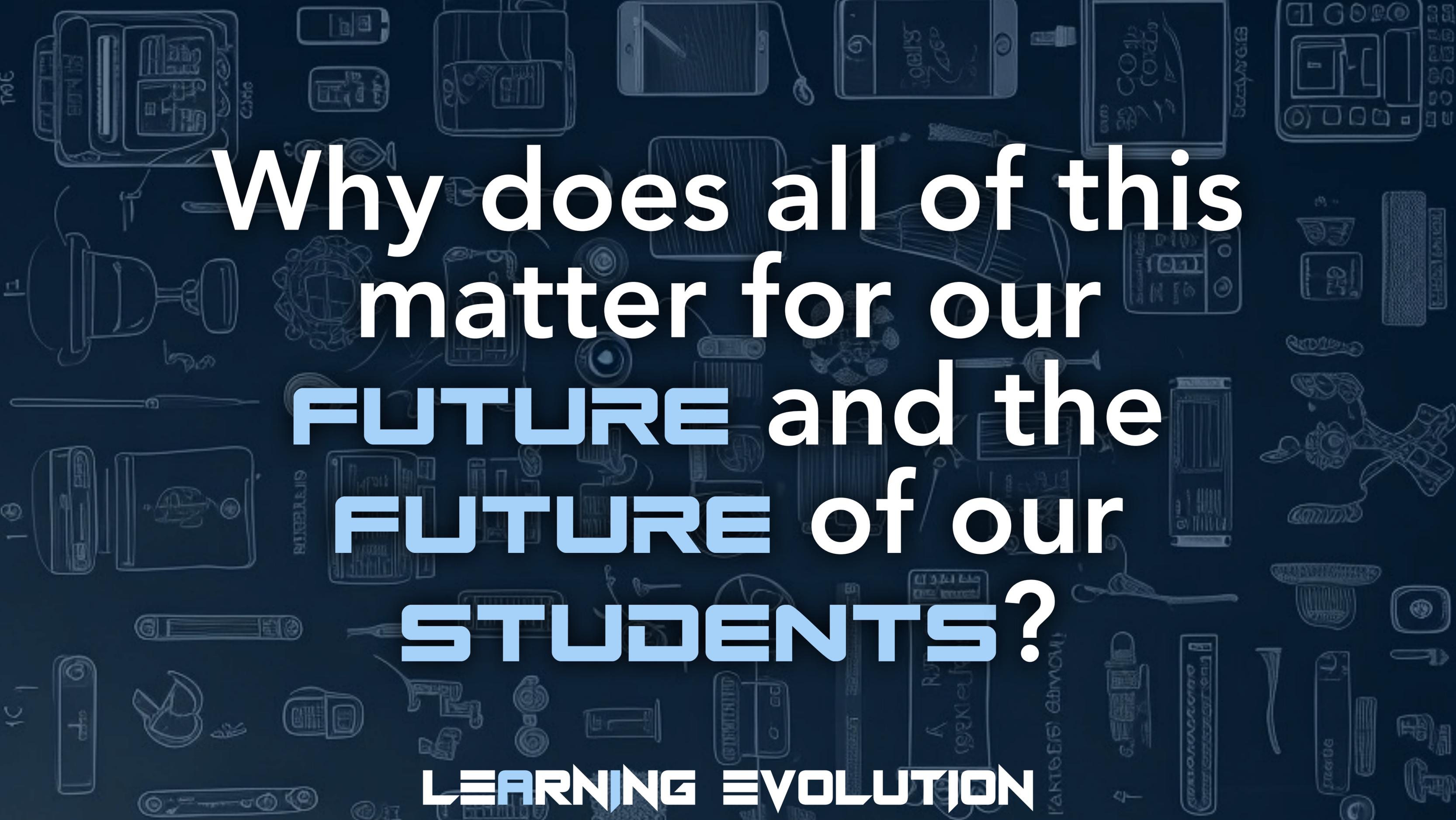


Utilize AI as:
a thought partner
or a critical relection
tool

TEST



Utilize AI as:
a research assistant,
tutor, a feedback
tool or simulator



Why does all of this
matter for our
FUTURE and the
FUTURE of our
STUDENTS?

LEARNING **EVOLUTION**

There's a reason the
windshield is bigger than
the rearview mirror.

Where you're headed is
more important than
what you left behind.







10



16



12



100



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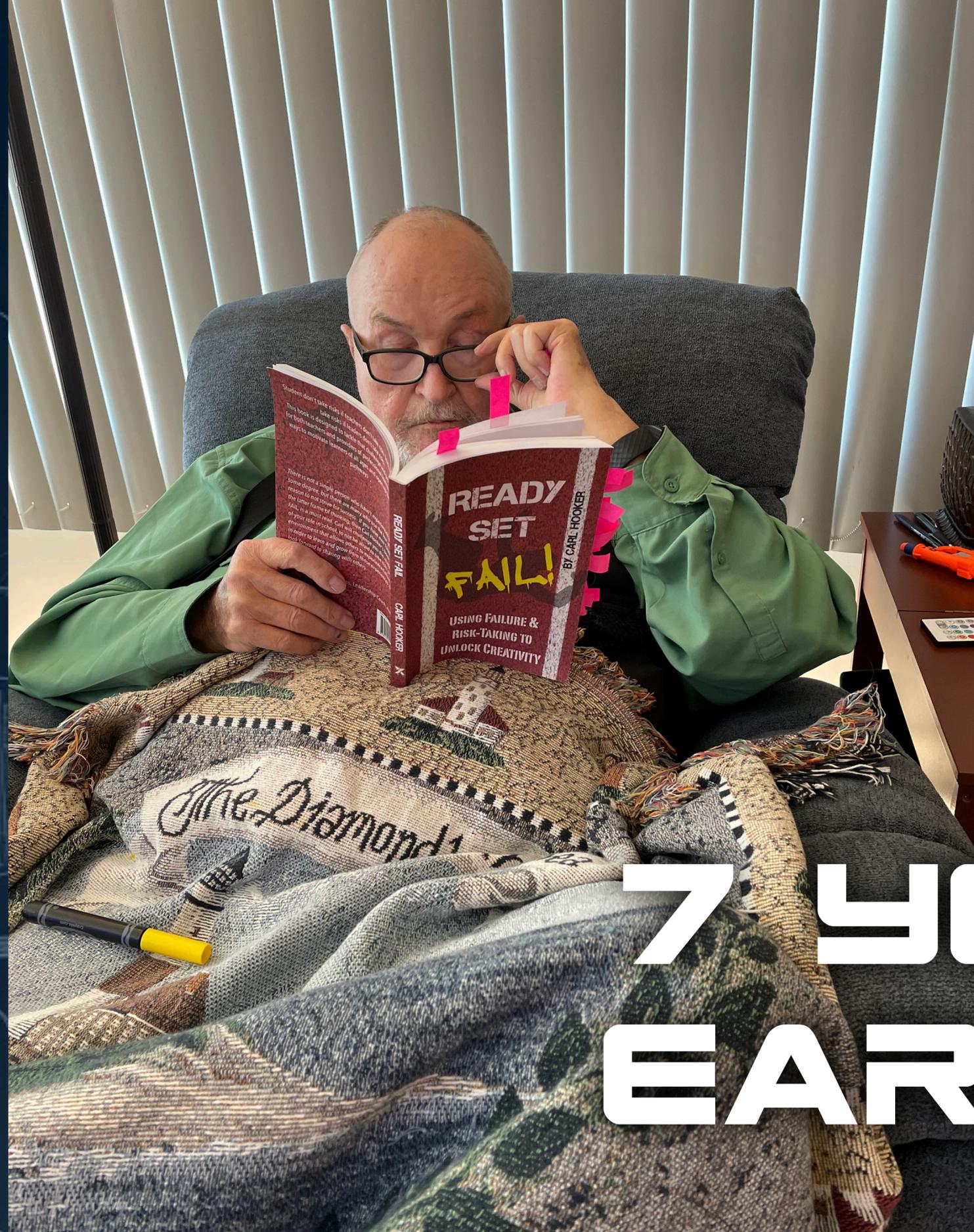
10

10

10

10

10



7 YEARS EARLIER..

A

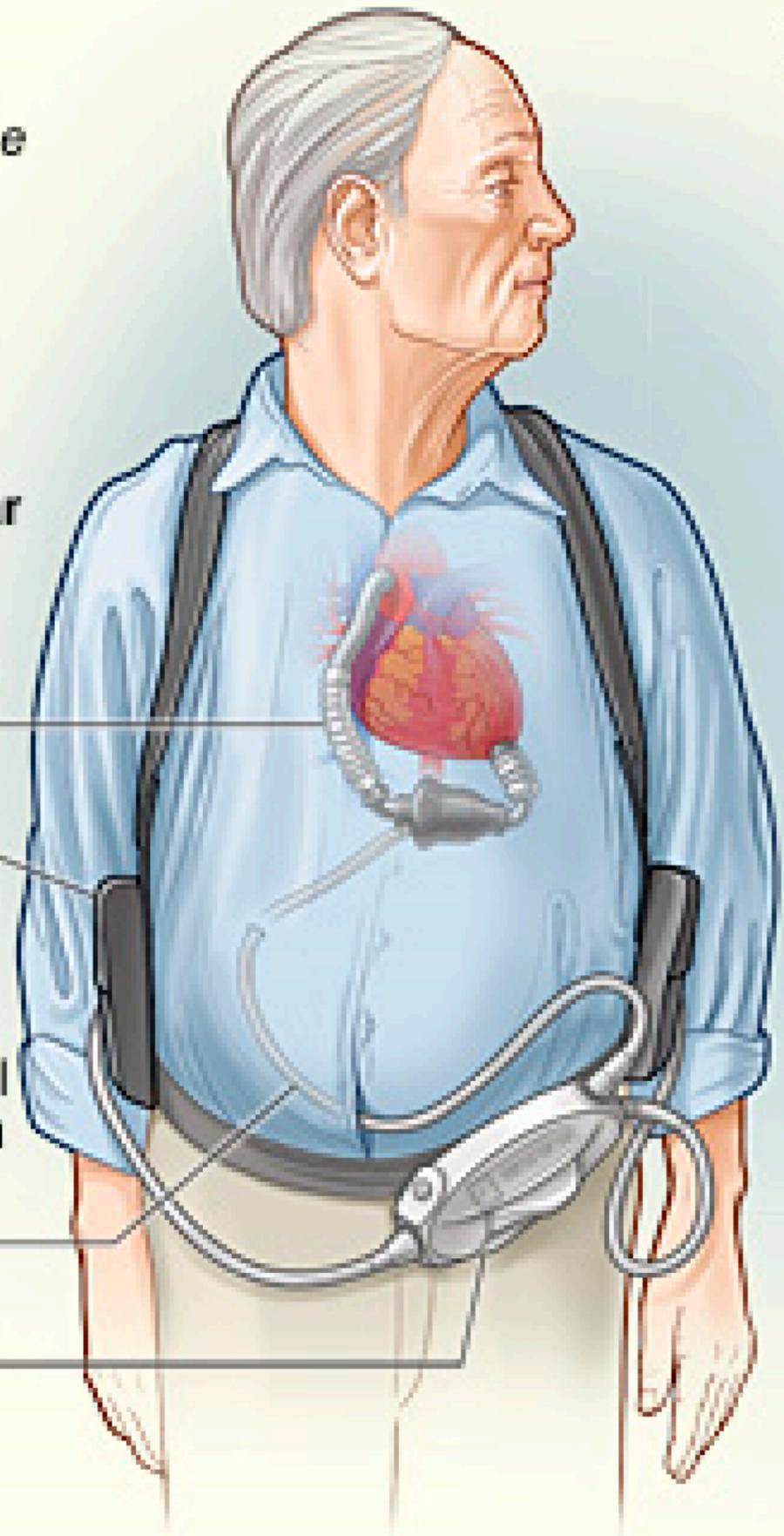
(Patients can be fully mobile)

Left ventricular assist device (LVAD) connected to heart

Battery

A cable connects the external control unit and internal LVAD through a small hole in the abdomen

Control unit



B

LVAD pumps blood into the aorta (to the body)

Outflow graft

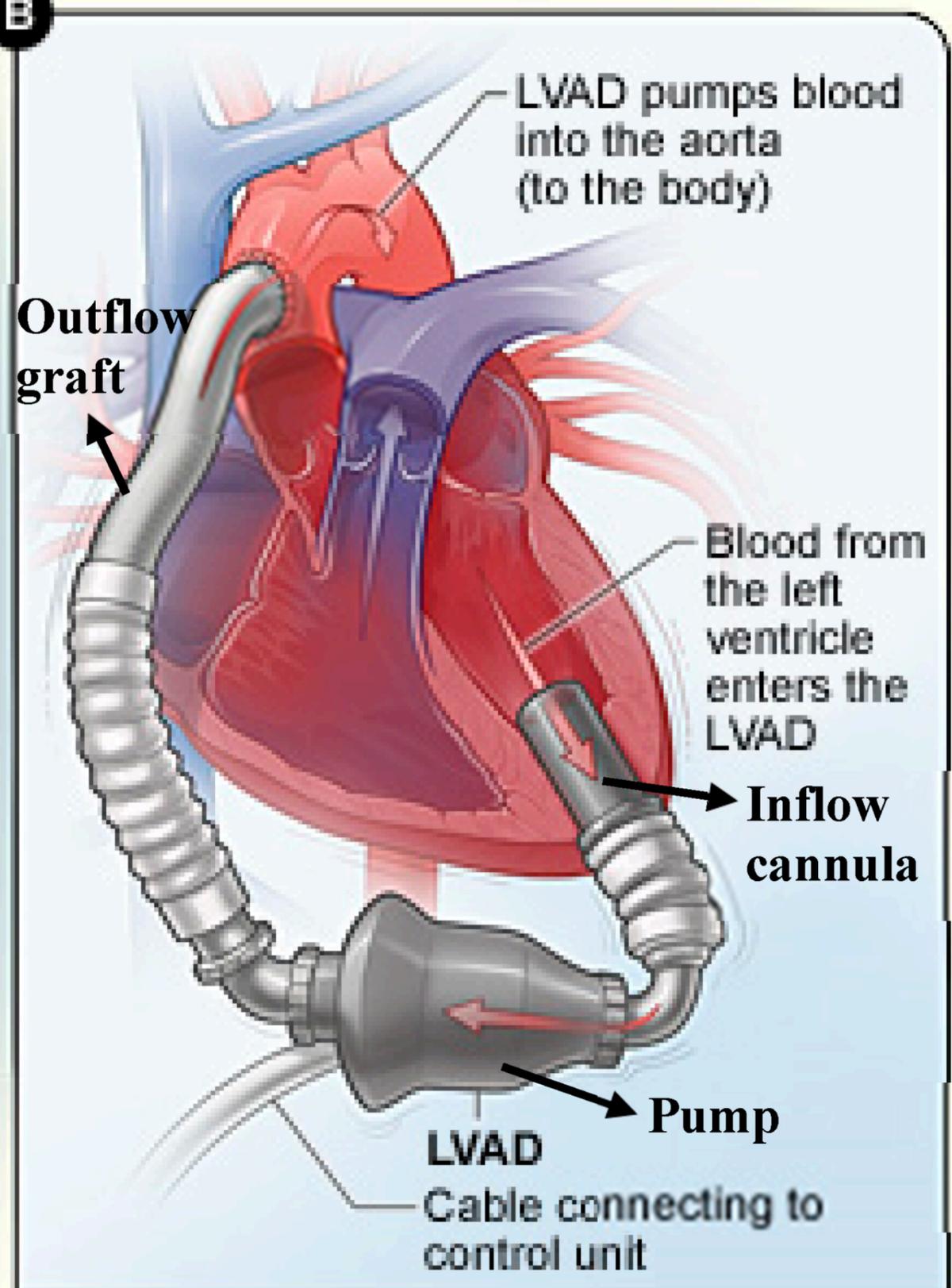
Blood from the left ventricle enters the LVAD

Inflow cannula

Pump

LVAD

Cable connecting to control unit



Heart is shown in cross-section





LEARNING EVOLUTION

ARTIFICIAL INTELLIGENCE

will never supplant

human compassion.

@mrhooker



IT'S TIME TO EVOLVE

LEARNING \equiv EVOLUTION

ONE MORE THING...





THANK YOU!

Slides & resources:
mrhook.it/nyc



@Carl

carl@hookertech.com

@hookertech

