


# ChatGPT and The Future of AI: The Good, The Bad & The Ugly



  
**TIMES  
NETWORK**

**NOW OR NOTHING**

Gerd Leonhard, Futurist



@gleonhard



gerdtube.com



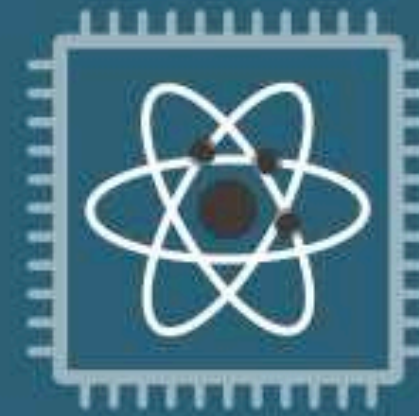
futuristgerd.com



thegoodfuturefilm.com

Gerd





# I am a Futurist - and a Humanist

INTUITION

EMOTIONS

CREATIVITY

COMPASSION

IMAGINATION

MYSTERY

ETHICS

VALUES

EMPATHY

CONSCIOUSNESS





# STATE OF INDIAN DIGITAL ECONOMY

AS OF AUGUST 2022



**1.3 Bn+**  
Internet Users By 2030



**61%**  
Internet Penetration In India



**44%**  
Increase In Internet Users  
From 2022 To 2030



**\$0.68**  
Per GB Internet Cost In India



**4.7 Hours**  
Average Hours Spent On Mobile  
Per Day Per User



**305 Mn+**  
Users Doing Online  
Transactions In India



**104 Bn+**  
Total No. Of UPI Transaction  
As Of June 2022



**\$2.2 Tn+**  
Total Value Of UPI Transactions  
As Of June 2022

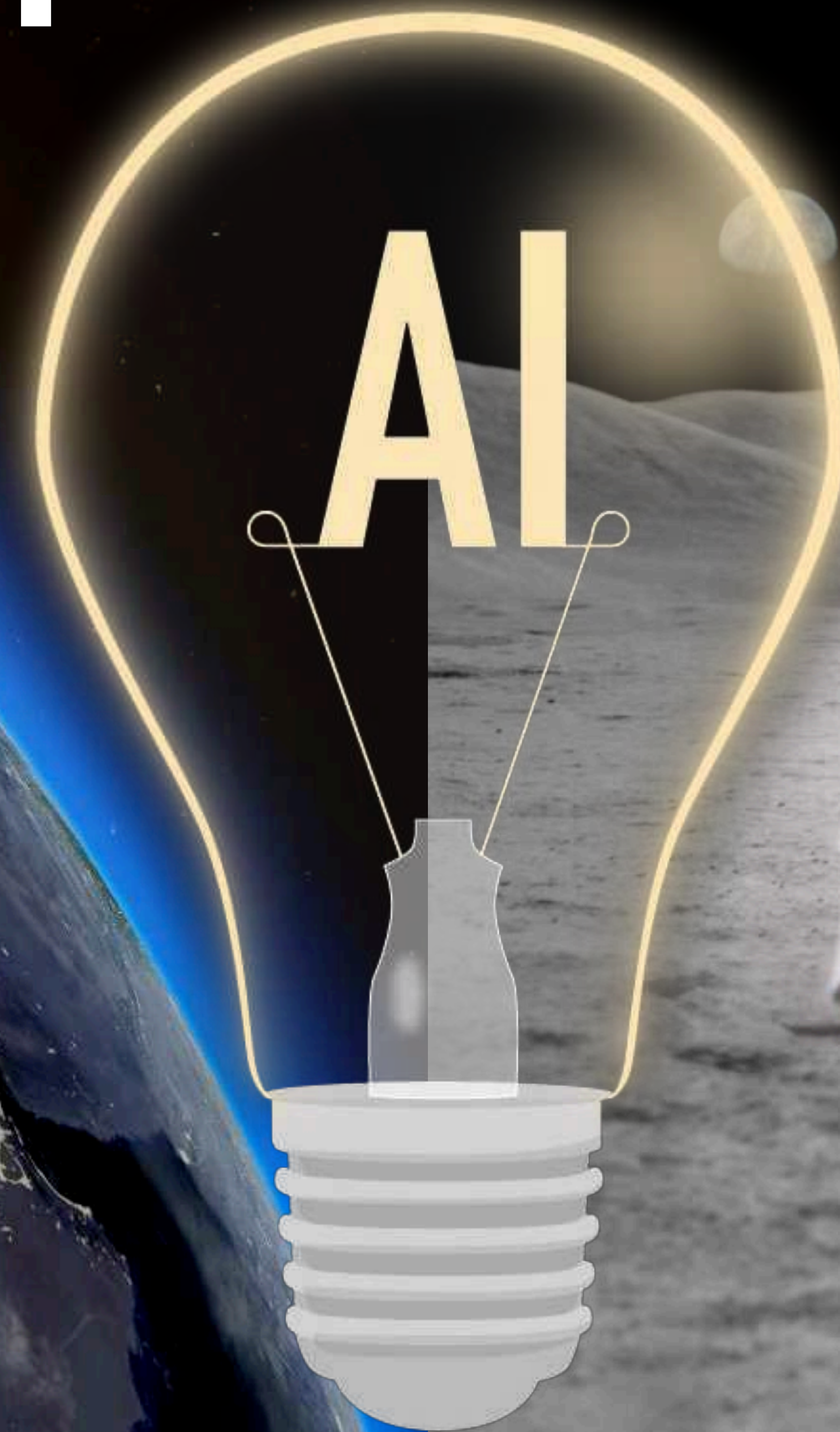


**373 Mn+**  
Estimated Rural Internet  
Users In 2022



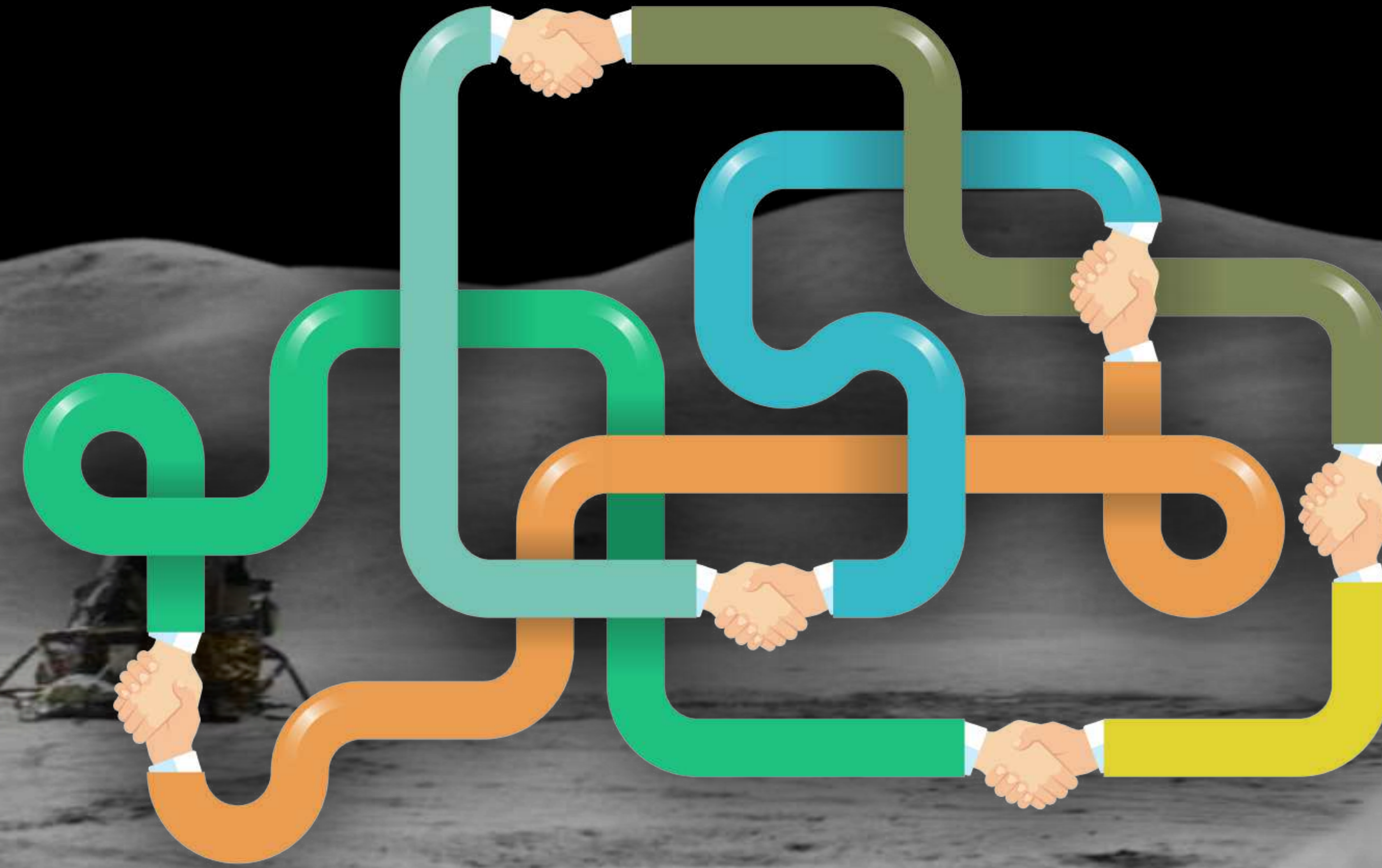


# The Sputnik Moment





# What do you believe in?



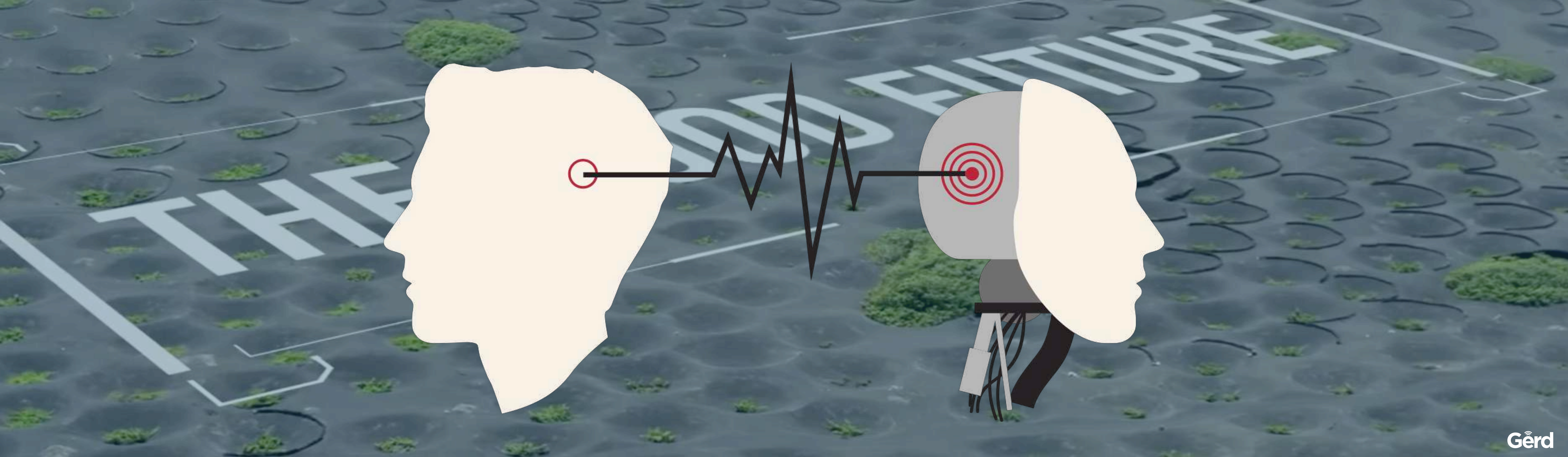


**“We are to be architects of the future, not its victims”** (Buckminster Fuller)

**THE GOOD FUTURE**





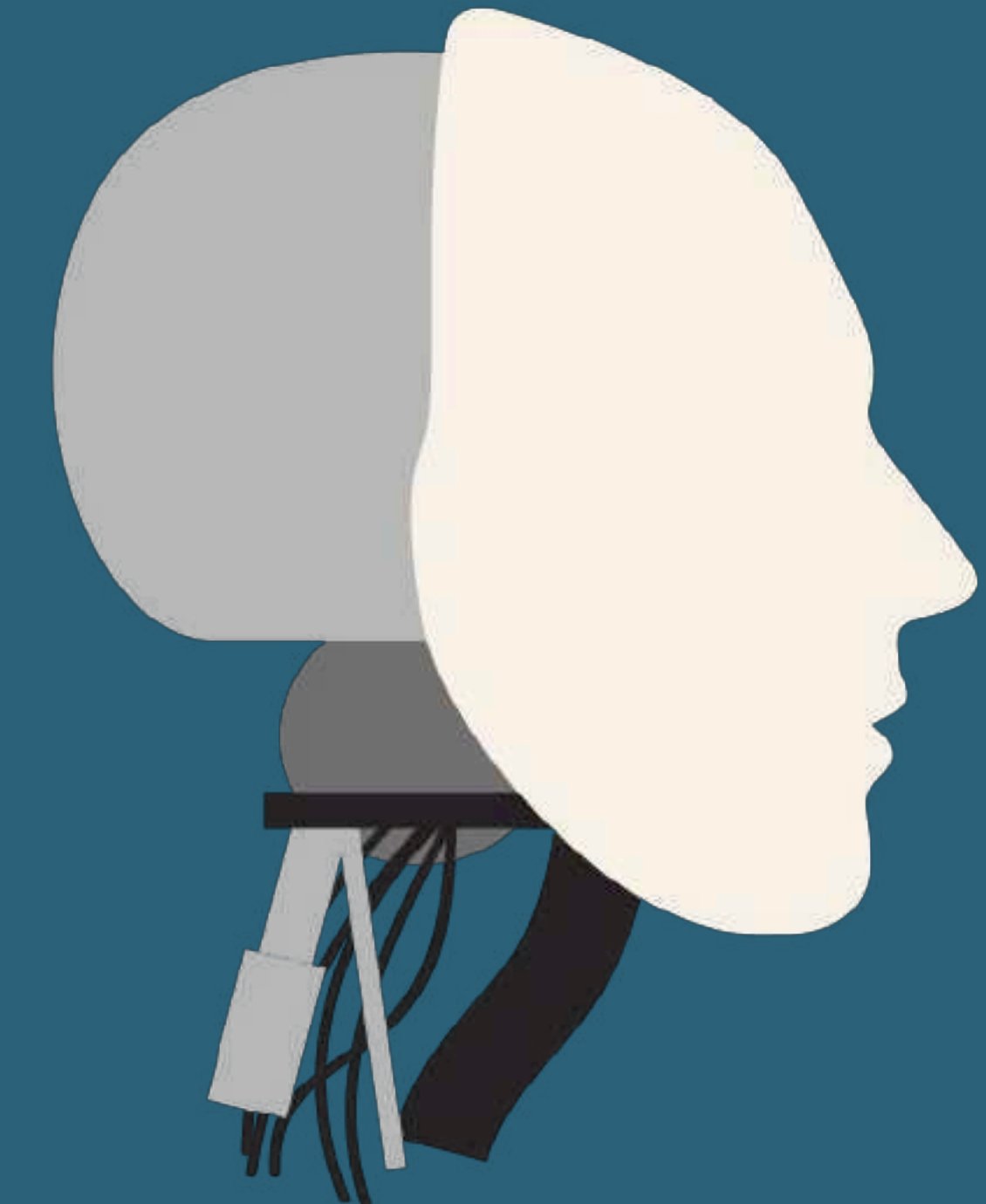




# 4 Exponential Technology Transformations



**INFO TECH**

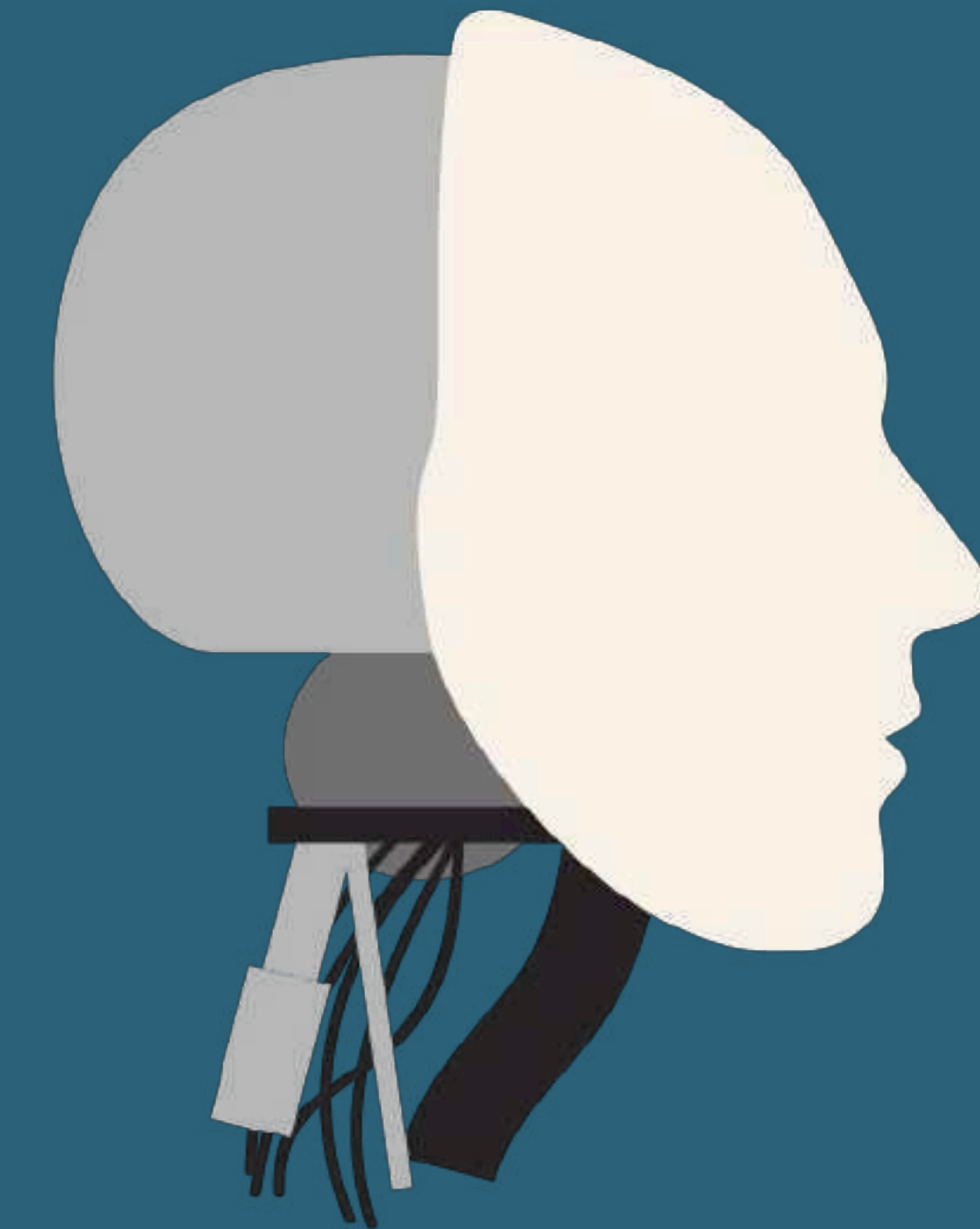




# ENERGY & CLIMATE TECH

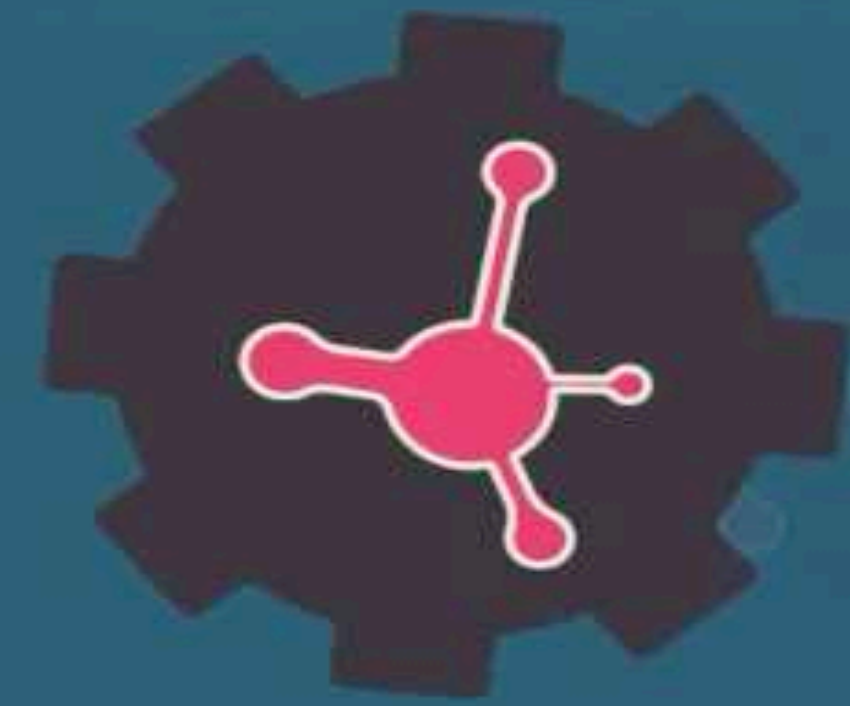


## 4 Exponential Technology Transformations

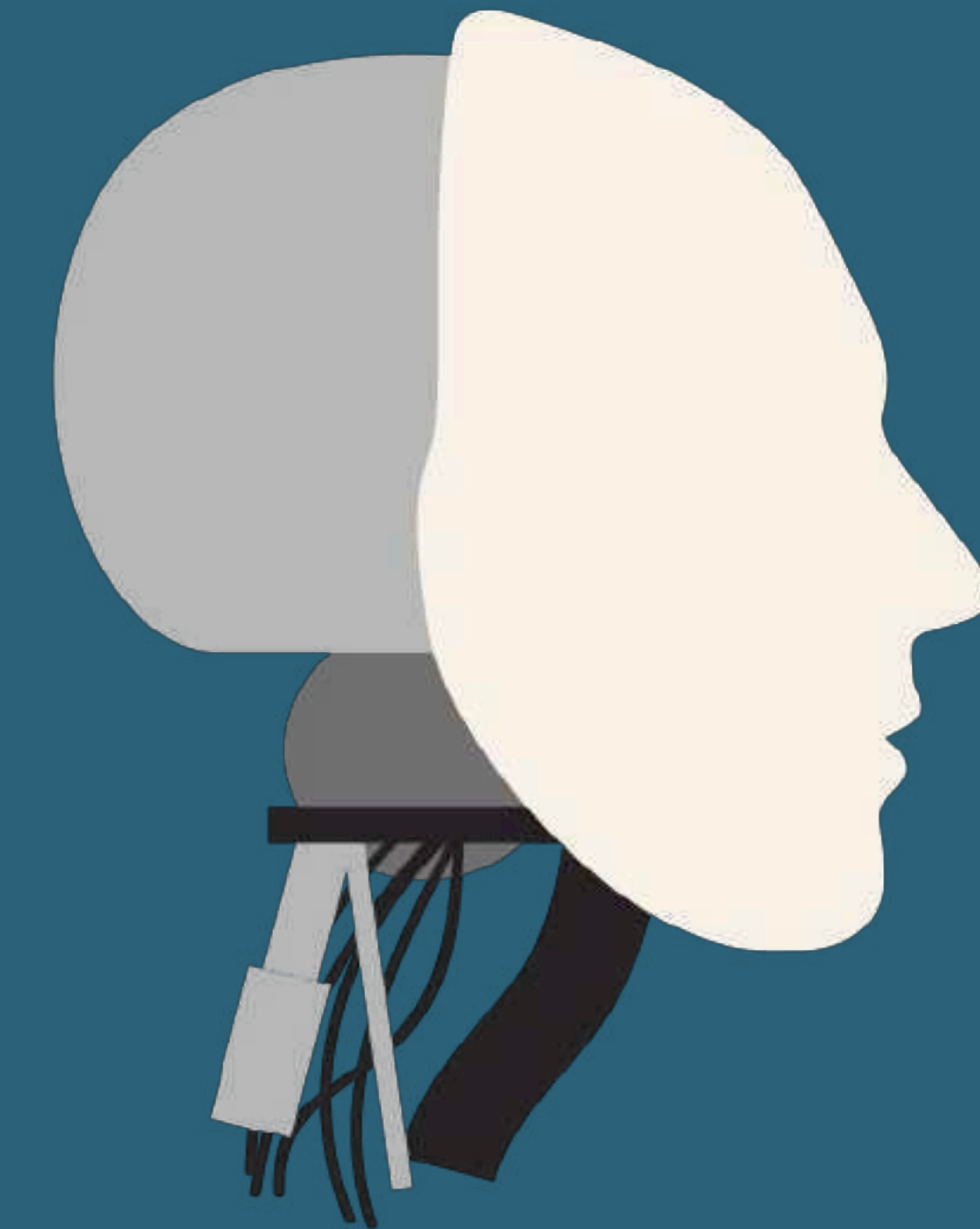




# 4 Exponential Technology Transformations



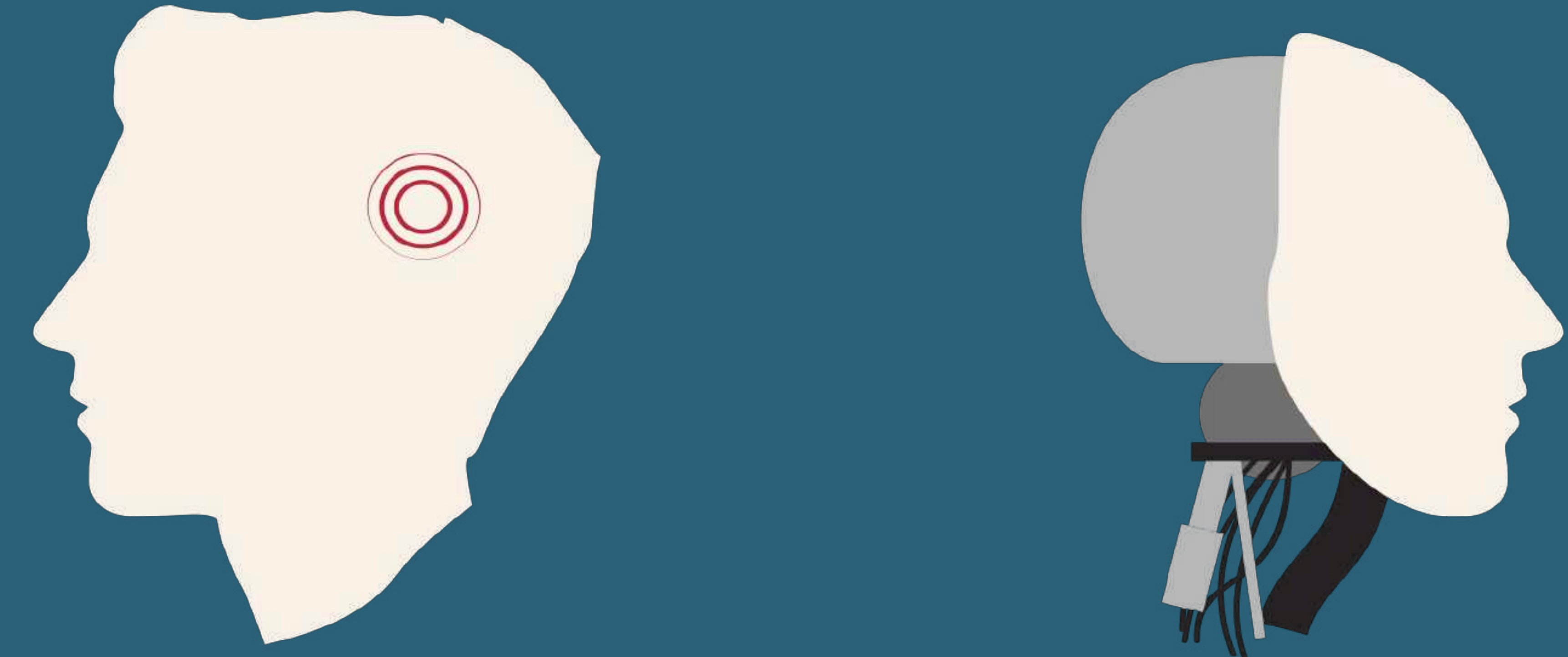
# BIO TECH





# 4 Exponential Technology Transformations

**AI TECH**





# INFO TECH



# BIO TECH



# ENERGY & CLIMATE TECH



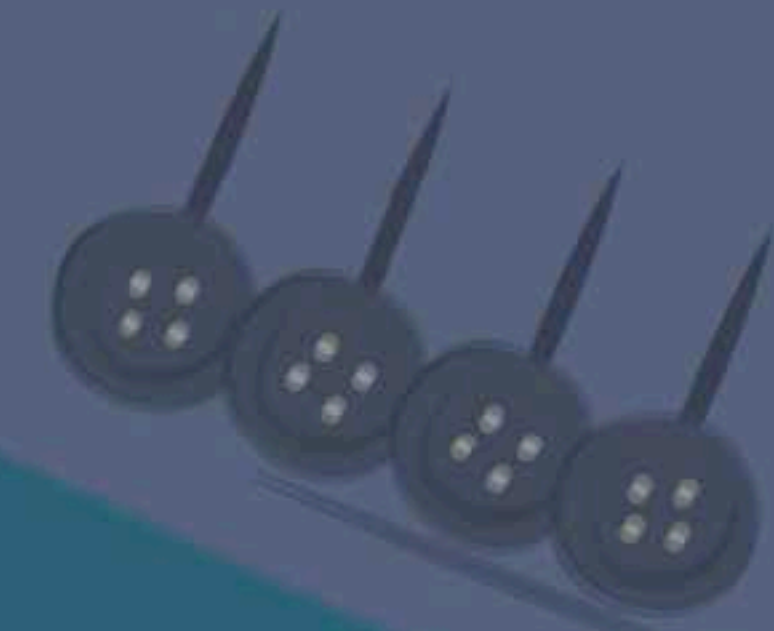
# AI TECH





Balance | Safety | Security | Ethics | Control | TRUST

# Purpose



INFO TECH



BIO TECH



ENERGY & CLIMATE TECH



AI TECH







**AI / ChatGPT / Generative A Challenges:**

**Alternate realities, illusions & simulations**

**Unpredictable bias and errors**

**Automation of Human Narratives**

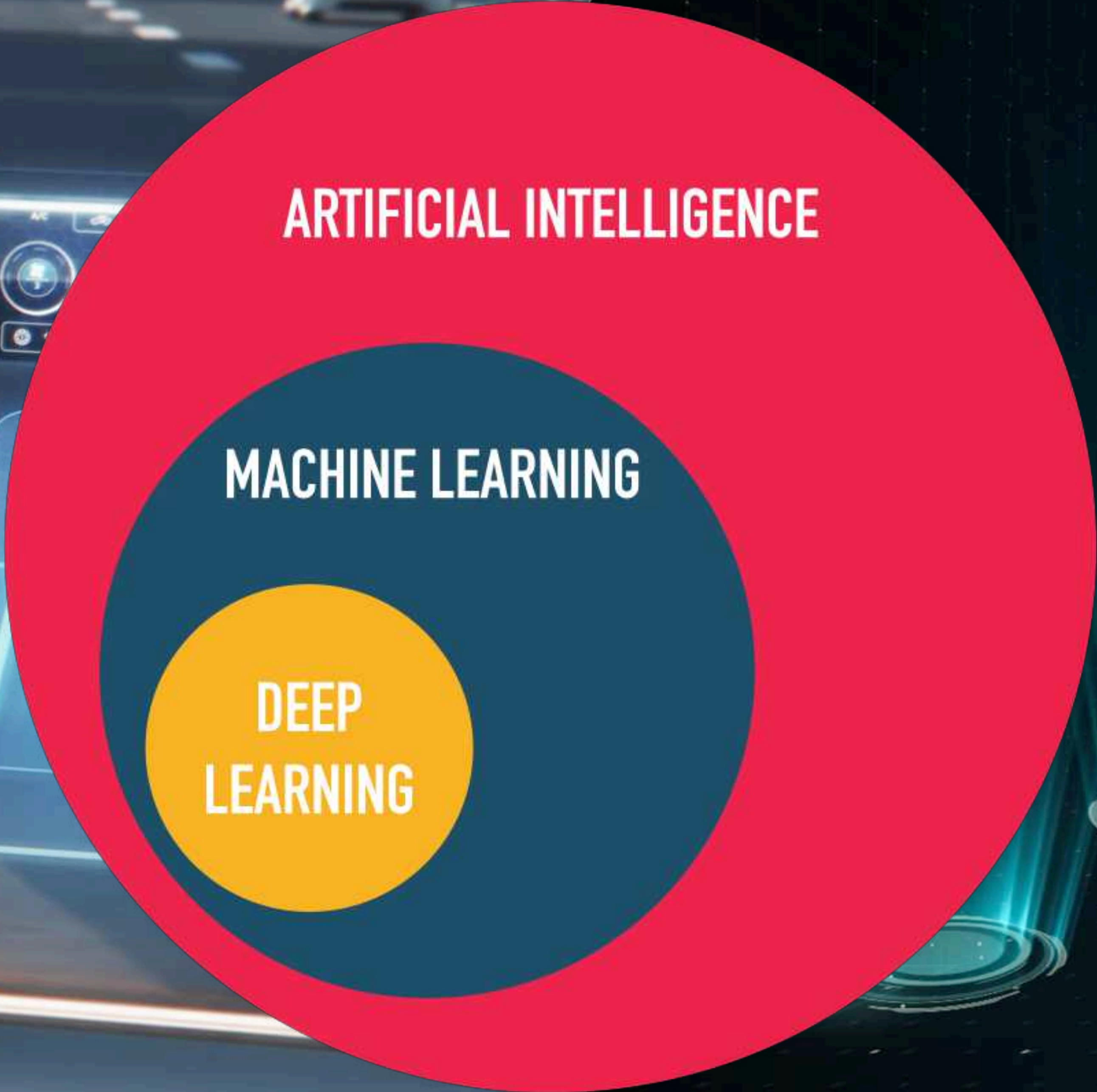
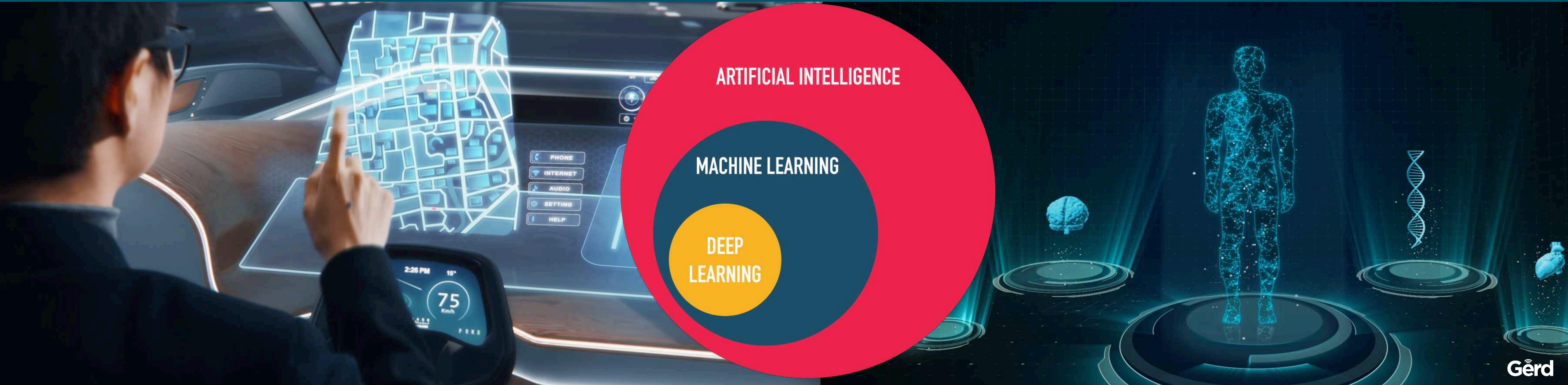
**De-Humanisation & De-Skilling**

**Reductionism & Abdication**

**AI Benefits: Solid efficiency and productivity gains by offloading 'commodity work' and shifting DEEP ROUTINES to machines\*, and by accelerating basic human knowledge work, research and discovery**



AI: “Computer systems that turn information and data into **KNOWLEDGE**” (DEMIS HASSABIS, CEO, DEEPMIND)

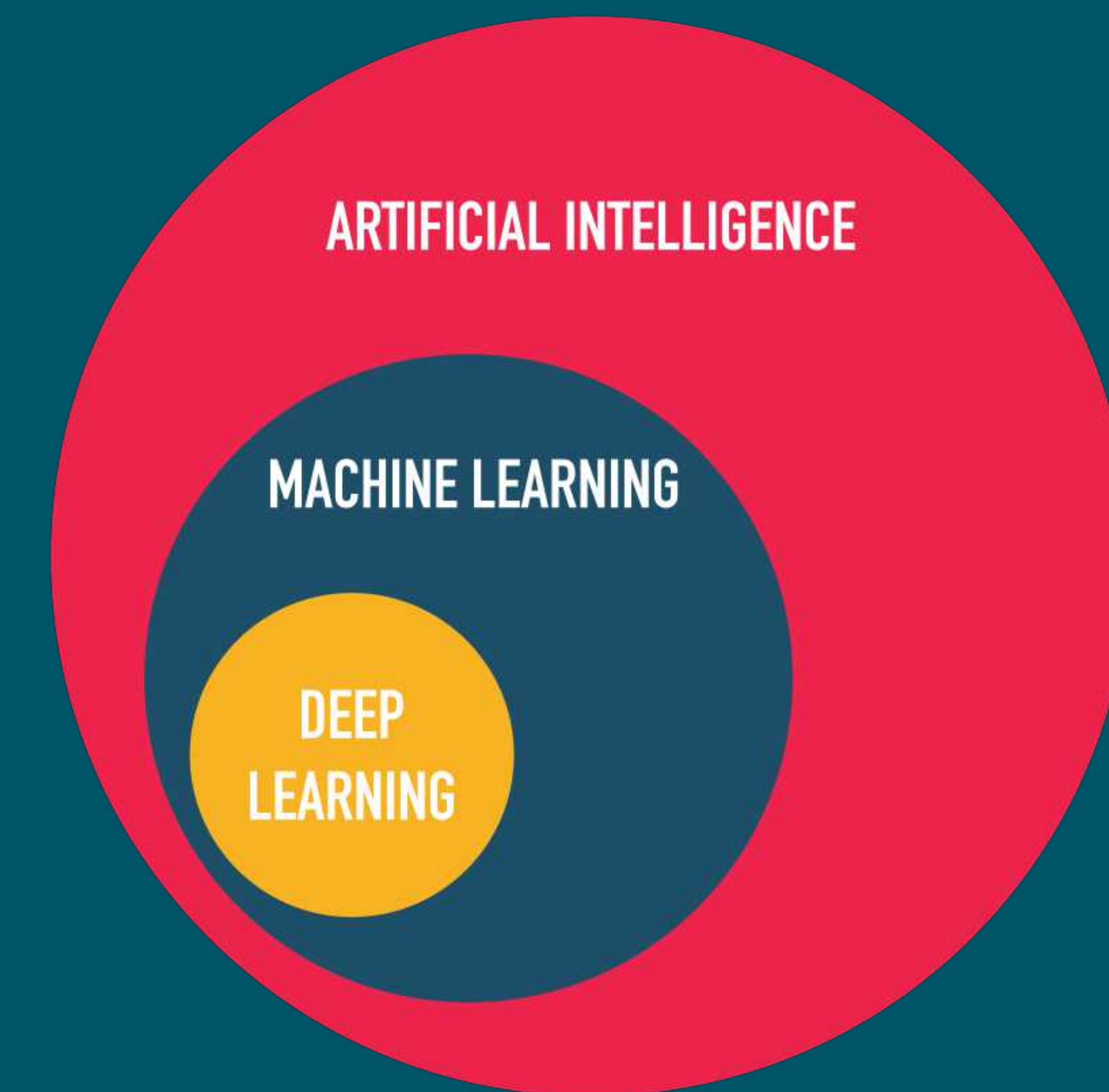






Write a python script to analyze my monthly purchases

Large Language Models (LLMs) + Generative AI  
manipulates and generates language to create  
**SYNTHETIC**, human-like texts, images and video





# GPT: Generative Pre-Trained Transformer



Marques Brownlee  
@mkbhd  
16.7M subscribers

*What does the quick brown fox do?*





Learns random phrases



Doesn't understand shit about what it learns



Occasionally speaks nonsense



Is a cute birdie parrot



# GPT: Generative Pre-Trained Transformer

Marques Brownlee  
@mkbhd  
16.7M subscribers

What does the quick brown fox do?

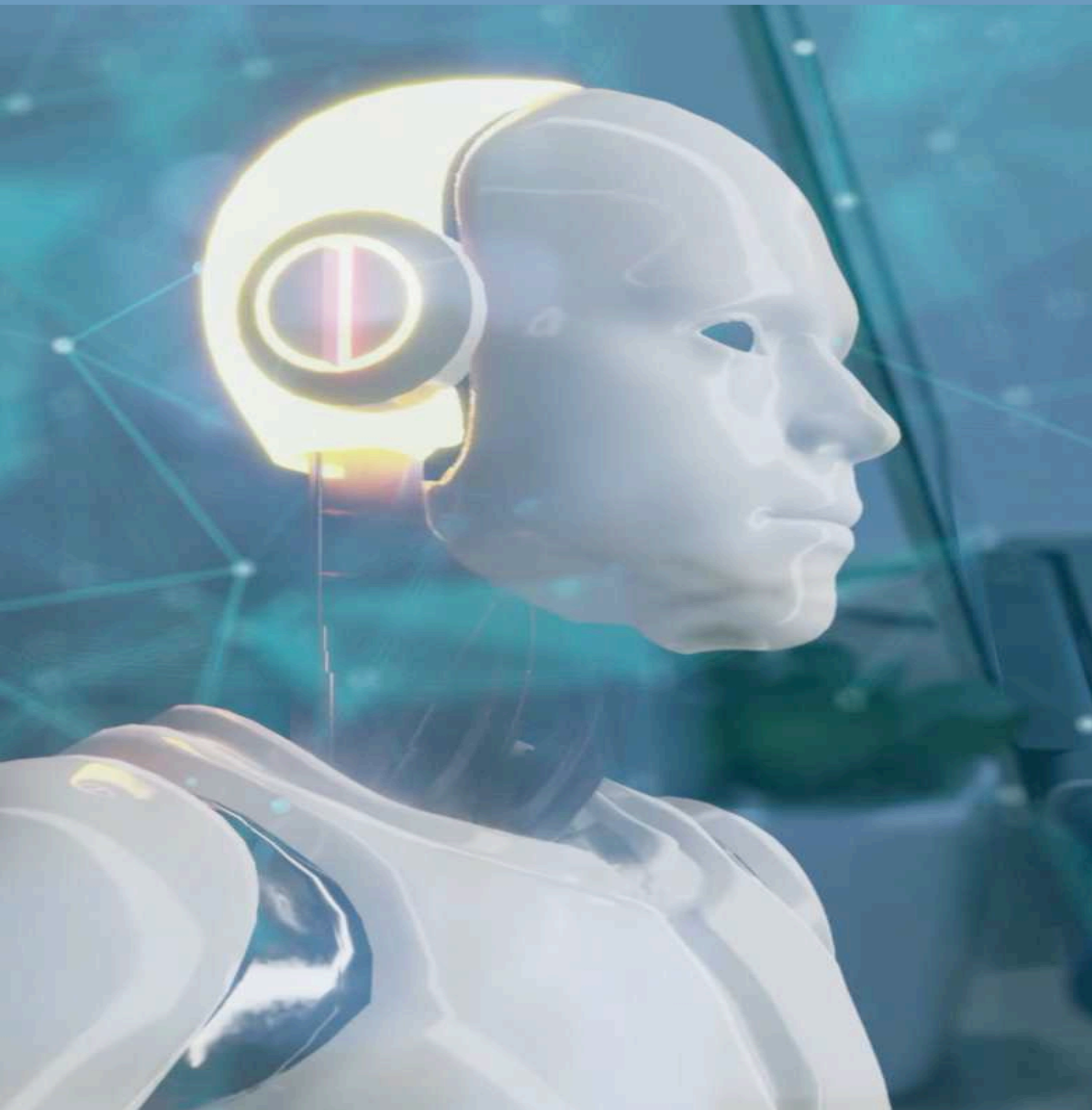
*The quick brown fox jumps over the lazy dog*

What does the quick brown fox do?

*flower relevant day what  
The white slow think icon  
users dog jumps the run  
chat cat together picture tree apple  
quick over fox lazy junk  
brown*










them more accessible, efficient, and transparent. Services such as Aadhaar, e-governance, and direct benefit transfers have reduced corruption and made it easier for citizens to access essential resources.


3. Financial inclusion: Digital financial services like the Jan Dhan Yojana, UPI, and mobile banking have expanded financial inclusion for millions of people, particularly in rural areas. This has promoted cashless transactions, reduced the reliance on informal credit, and empowered individuals with increased financial access.
4. Digital

 And what is the role of AI in the future of India?


 Artificial Intelligence (AI) is expected to play a significant role in India's future development, with various applications across multiple sectors. Some key areas where AI can contribute to India's progress include:

1. Healthcare: AI can help improve diagnostics, predict diseases, personalize treatments, and optimize healthcare processes, leading to better health outcomes for the population.
2. Agriculture: AI-driven solutions can enhance crop management, yield prediction, pest control, and supply chain management, contributing to increased agricultural productivity and food security.
3. Education: AI can enable personalized learning experiences, analyze student performance, and recommend targeted interventions to improve educational outcomes.
4. 

 What's so great about the Digital India Initiative?

 The Digital India Initiative, launched by the Government of India in 2015, is a comprehensive program aimed at transforming the country into a digitally empowered society and knowledge economy. Several factors contribute to its significance:

1. Improved connectivity: The initiative promotes the expansion of high-speed internet infrastructure, enabling better connectivity even in remote areas. This allows for the proliferation of digital services and helps bridge the digital divide between urban and rural areas.
2. Enhanced public services: The program seeks to digitize government services, making them more accessible, efficient, and transparent. Services such as Aadhaar, e-governance, and direct benefit transfers have reduced corruption and made it easier for citizens to access essential resources.
3. Financial inclusion: Digital financial services like the Jan Dhan Yojana, UPI, and mobile banking have expanded financial inclusion for millions of people, particularly in rural areas. This has promoted cashless transactions, reduced the reliance on informal credit, and empowered individuals with increased financial access.
4. Digital

 And what is the role of AI in the future of India?







sudo  
write

Can you provide an exemplary customer service response to the following customer question in English, French, Arabic, and Japanese?  
"What is the benefit of purchasing this product?"

Sure, here are exemplary customer service responses in English, French, Arabic, and Japanese to the question, "What is the benefit of purchasing this product?"

English:  
Thank you for your question. Our product has several benefits that can enhance your experience. It offers high-quality performance, durability, and convenience. Additionally, our product comes with a warranty and excellent customer support. We are confident that you will be satisfied with your purchase.

French:  
Merci pour votre question. Notre produit offre plusieurs avantages qui peuvent améliorer votre expérience. Il offre des performances de haute qualité, une durabilité et une commodité. De plus, notre produit est assorti d'une garantie et d'un excellent service clientèle. Nous sommes confiants que vous serez satisfait de votre achat.

Arabic:  
شكراً لسؤالك. يحتوي منتجنا على عدة فوائد يمكن أن تعزز تجربتك. يقدم أداء عالي الجودة ويتميز بالمتانة والراحة. بالإضافة إلى ذلك، يأتي منتجنا مع ضمان ودعم عملاء ممتاز. نحن واثقون من أنك ستكون راضيًا عن عملية الشراء.

Japanese:  
お問い合わせいただきありがとうございます。当社の製品には、あなたのエクスペリエンスを向上させるいくつかの利点があります。高品質のパフォーマンス、耐久性、そして利便性を提供します。さらに、当社の製品には保証と優れたカスタマーサポートが付属しています。ご購入いただいで満足いただけると確信しています。

Regenerate response



Barsee @heyBarsee · 2h  
How to create talking videos (of yourself) in minutes

Message - @OpenAI (ChatGPT)  
Character Design - @midjourney  
Animate - @D\_ID\_  
Voice - @elevenlabsio

Credit - @christianortner



From Christian Ortner





TechVsHuman Book Update < ↶ ↷ B / U ☒ List **Body** H1 H2 H3 ↗


+ Add new   ↓ Import

Untitled

🖨 Canvas BETA

Are you ready for the greatest changes in recent human history? Futurism meets humanism in Gerd Leonhard's ground-breaking new work of critical observation, discussing the multiple Megashifts that will radically alter not just our society and economy but our values and our biology. Wherever you stand on the scale between technomania and nostalgia for a lost world, this is a book to challenge, provoke, warn and inspire.

From two decades of traveling the world and speaking about future scenarios across many industries and cultures, Futurist Gerd Leonhard has acquired unique foresights and intuition into where the world is rapidly going. As technology develops at an exponential pace and redefines the way we work, live and even think, he explores the myriad unasked questions we should have been posing some time ago. If you are a business leader, an institutional decision maker, a professional in any industry or simply a curious and aware individual, this book challenges and inspires you to take stock and rethink your humanity in the post-human world.

 **sudowrite**

TechVsHuman Book Update < ↶ ↷ B / U ☒ List **Body** H1 H2 H3 ↗

+ Add new   ↓ Import

Untitled

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Are you ready for the greatest changes in recent human history? Futurism meets humanism in Gerd Leonhard's ground-breaking new work of critical observation, discussing the multiple Megashifts that will radically alter not just our society and economy but our values and our biology. Wherever you stand on the scale between technomania and nostalgia for a lost world, this is a book to challenge, provoke, warn and inspire.

**Rewrite**   Describe   Expand   Visualize

Futurist Gerd Leonhard has a unique view of the world's future. As technology rapidly changes our lives, he explores the questions we should have asked long ago. This book challenges and inspires business leaders, decision makers, professionals, and individuals to take action. From two decades of traveling the world and speaking about future scenarios across many industries and cultures, Futurist Gerd Leonhard has acquired unique foresights and intuition into where the world is rapidly going. As technology develops at an exponential pace and redefines the way we work, live and even think, he explores the myriad unasked questions we should have been posing some time ago. If you are a business leader, an institutional decision maker, a professional in any industry or simply a curious and aware individual, this book challenges and inspires you to take stock and rethink your humanity in the post-human world.

HISTORY ⌚ ★

**REWRITE**  
... onal decision maker, a professional in any industry or simply a curious and aware individual, this book challenges and inspires you to take [show more](#)

Shorter ▾   **Go!**

**SHORTER**  
Futurist Gerd Leonhard has a unique view of the world's future. As technology rapidly changes our lives, he explores the questions we should have asked long ago. This book challenges and inspires business leaders, decision makers, professionals, and individuals to

Insert 42 words

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**SHORTER**  
Futurist Gerd Leonhard has spent two decades traveling and discussing potential future scenarios. As technology exponentially changes the way we work, live, and think, he examines questions that should have been posed long ago. This book challenges and inspires business leaders, decision makers, professionals, and curious individuals alike.

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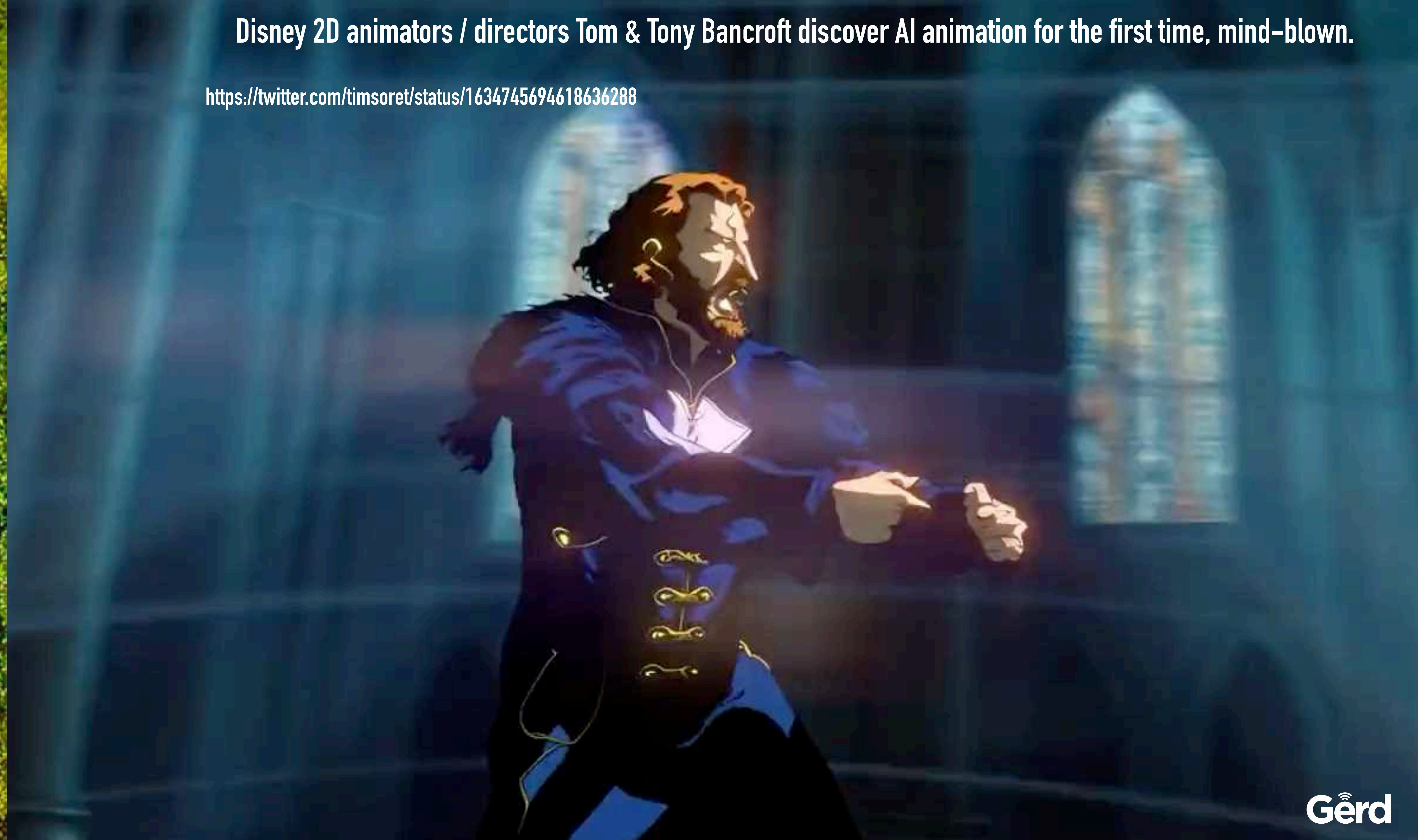
**Gerd**



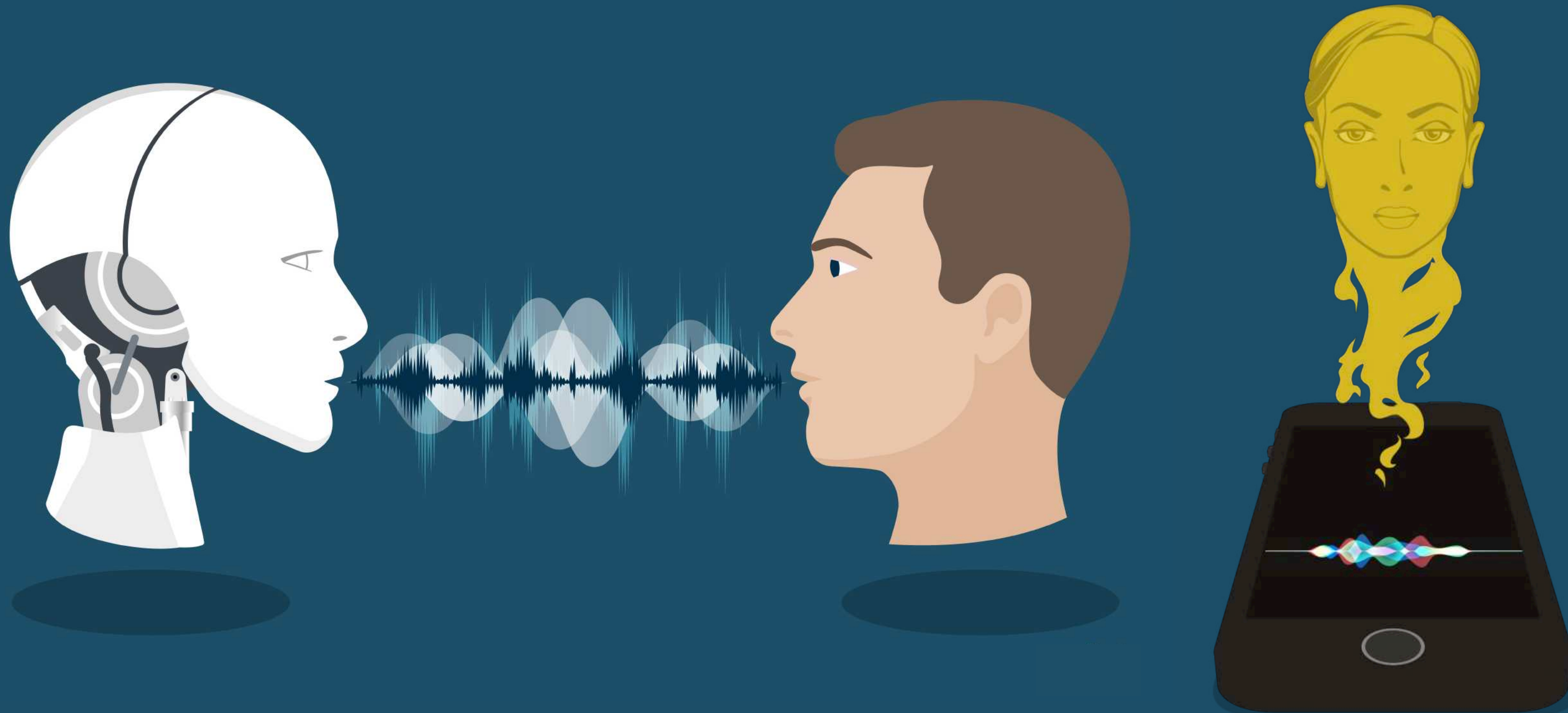


Disney 2D animators / directors Tom & Tony Bancroft discover AI animation for the first time, mind-blown.

<https://twitter.com/timsoret/status/1634745694618636288>







# | SCIENCE | | FACT |





'Humans' (Netflix)





# **PROFIT**

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# **GROWTH**





**PEOPLE  
PLANET  
PURPOSE  
PROSPERITY**



SAM ALTMAN (OpenAI CEO)

“The coming change will center around the most impressive of human capabilities: **the phenomenal ability to think, create, understand, and reason.**

To the three great technological revolutions—the agricultural, the industrial, and the computational—we will add a fourth: **the AI revolution.**

THIS REVOLUTION WILL GENERATE **ENOUGH WEALTH FOR EVERYONE** TO HAVE WHAT THEY NEED...

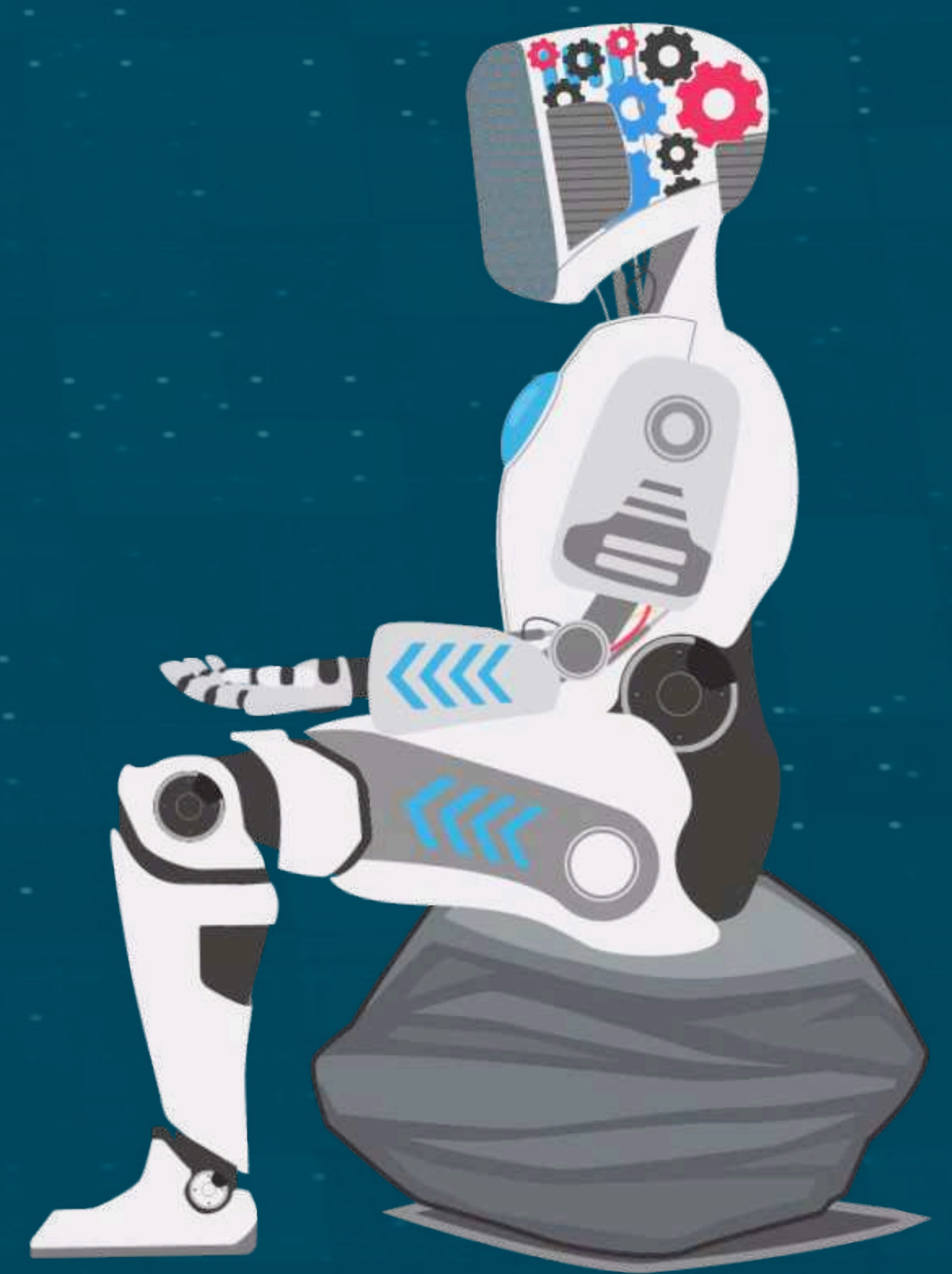
“IF WE AS A SOCIETY MANAGE IT RESPONSIBLY”



PEOPLE  
PLANET  
PURPOSE  
PROSPERITY



**“IF WE AS A SOCIETY MANAGE IT RESPONSIBLY”**





**Through which lens will we see the world when  
AI creates most texts, images and videos?**

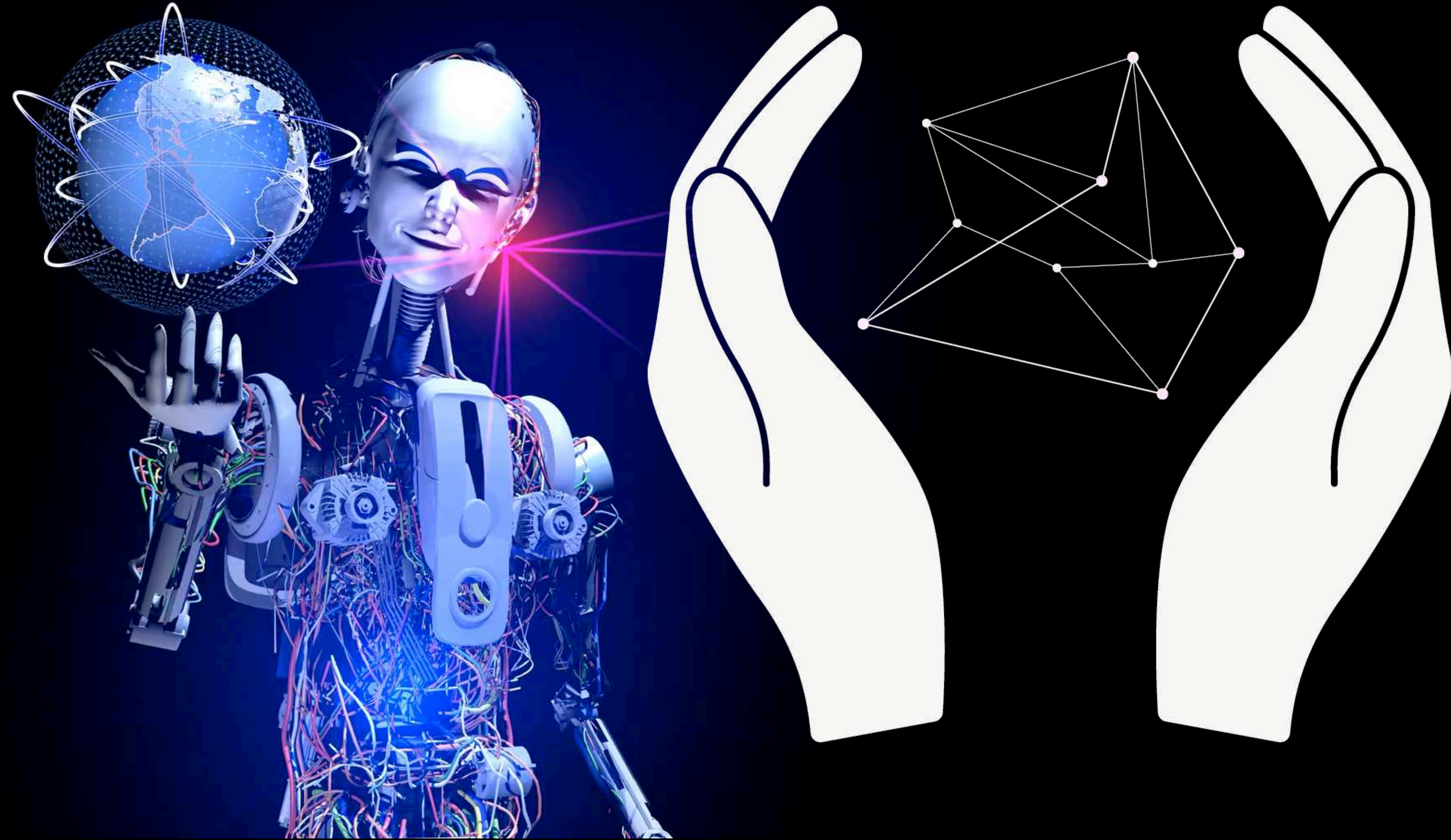
**Who will be in charge of this  
machine-made content and  
who will be accountable ?**

**If most content is 'synthetic'  
how will we still know reality?**





The way that machines 'see' the world EXCLUDES 90% of Real-Life



Humans are 'all sensing'





# Humanity Technology



**Learning is not just memorising (i.e. downloading data)**

**Intelligence is not just data-processing and logic**

**Humans don't think with 'just the brain'**

**Speaking is not the same as thinking**

**Humans aren't 'binary' (like data)**

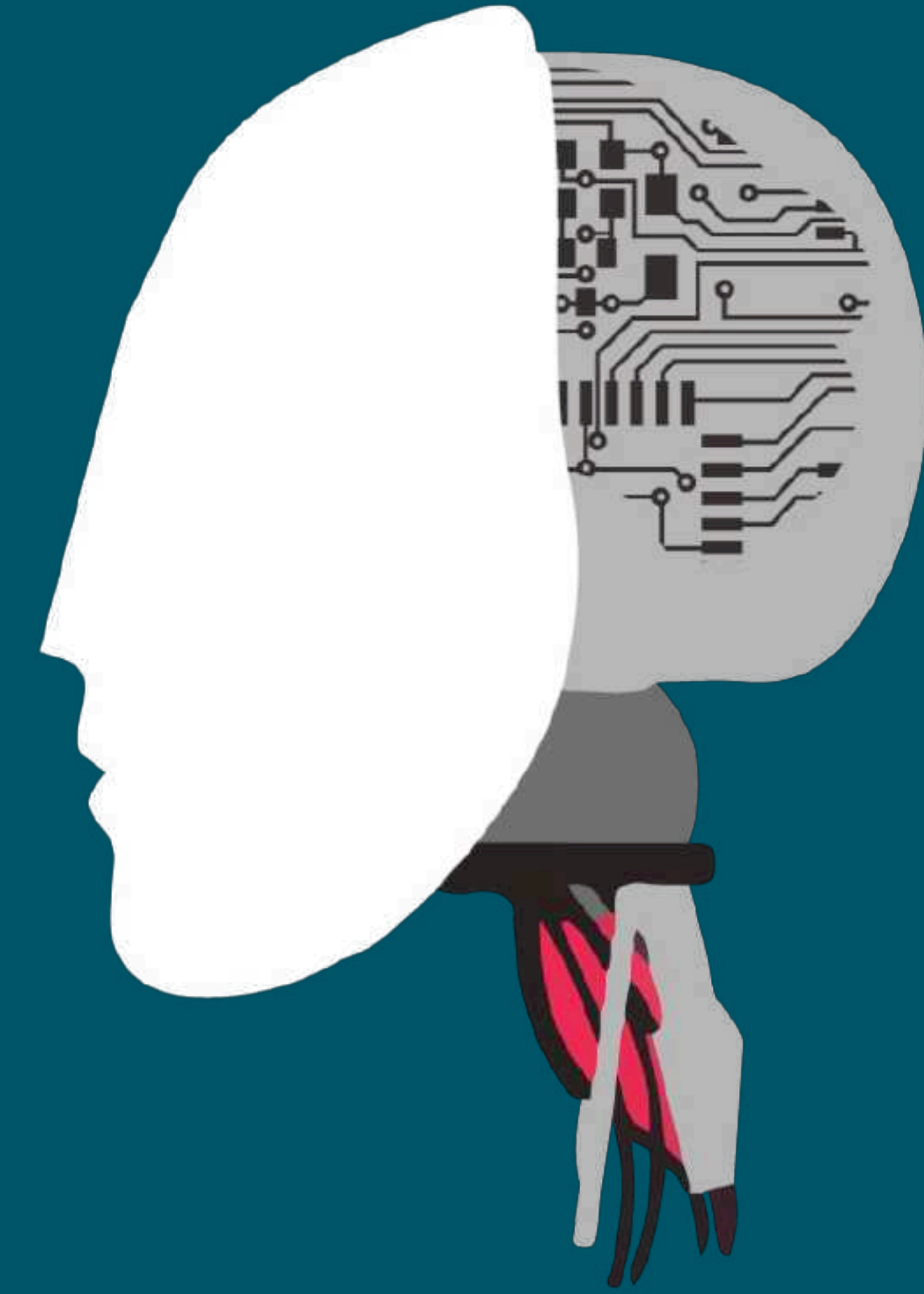
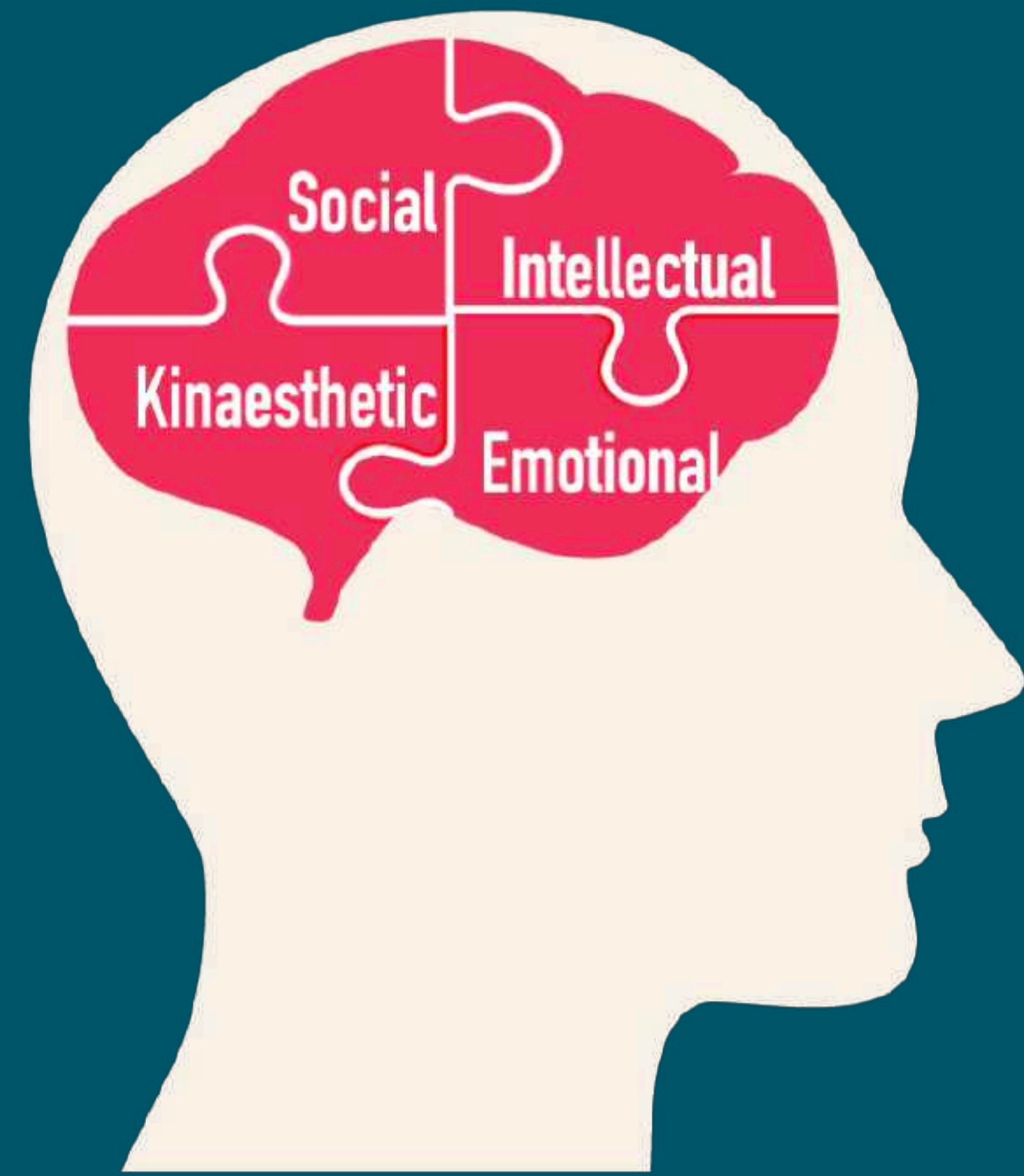
**Real-Life transcends data**

**LOGIC ALONE IS NOT ENOUGH \***

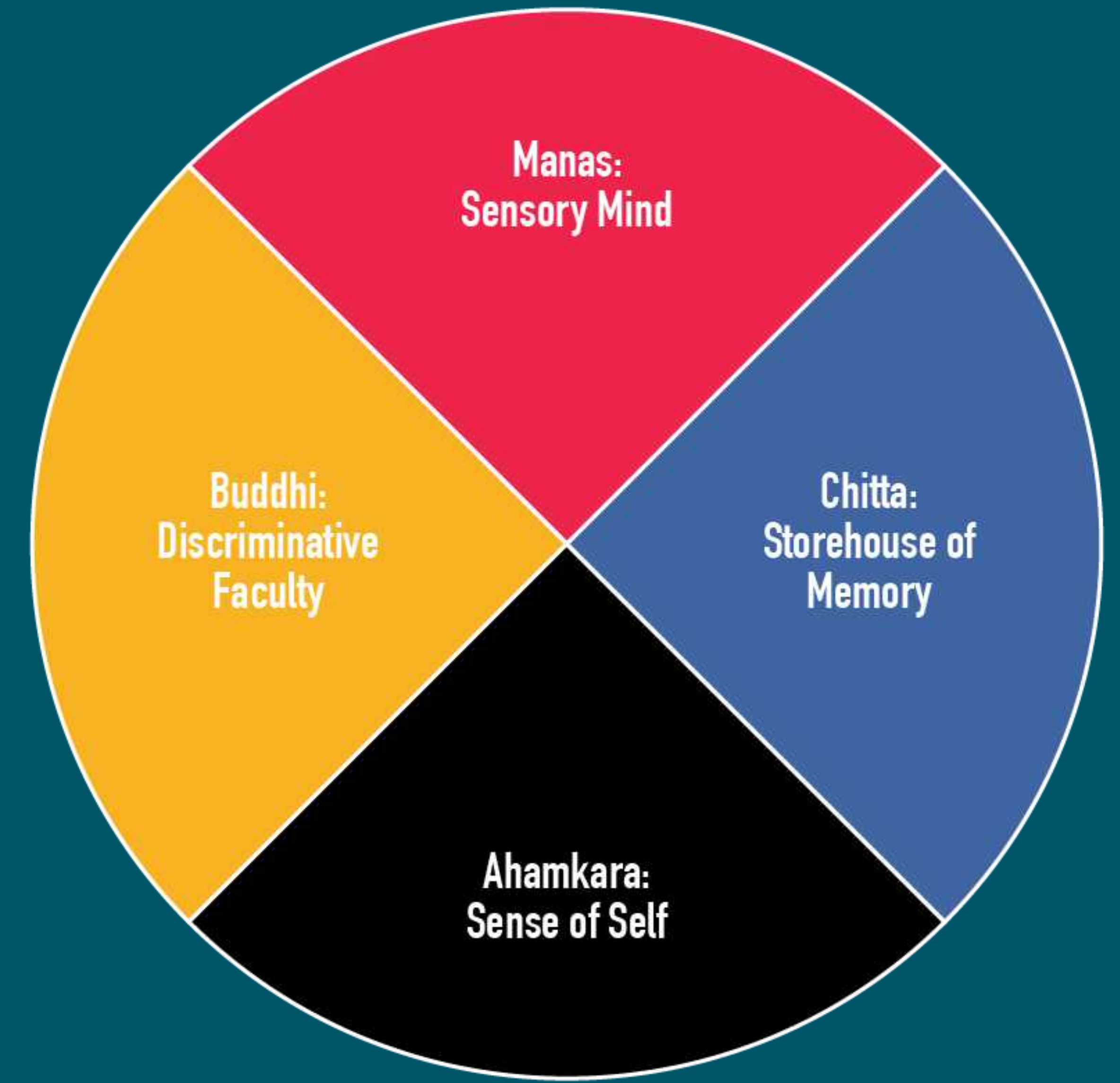


\* “Let me remind you that information is not knowledge, and knowledge is not wisdom. Each grows out of the other, and we need them all”

(Arthur C. Clarke 1967)




### THE 4 ASPECTS OF MIND




Source: theyogahouseny.com

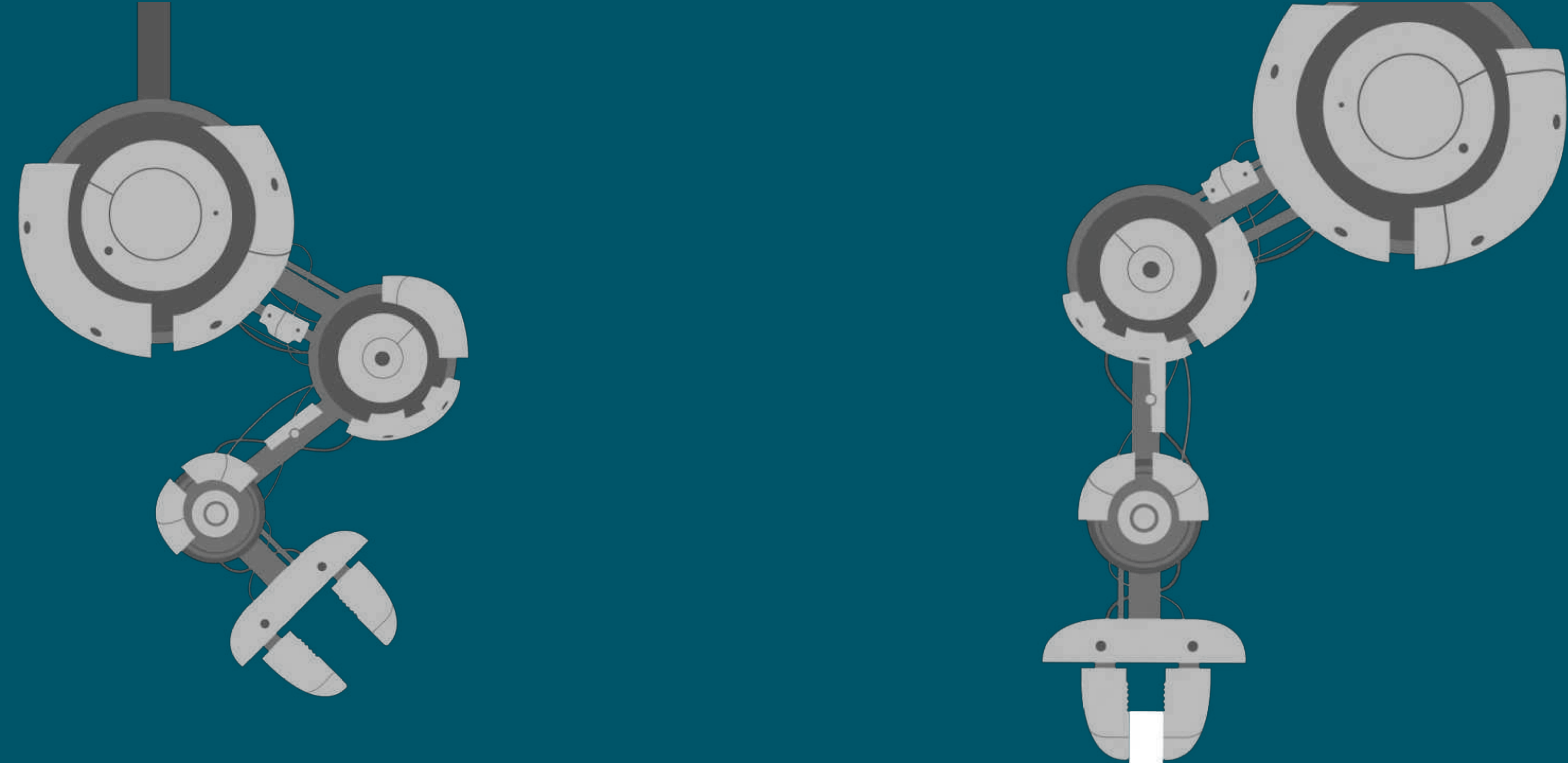
Preparing For AI's Impact



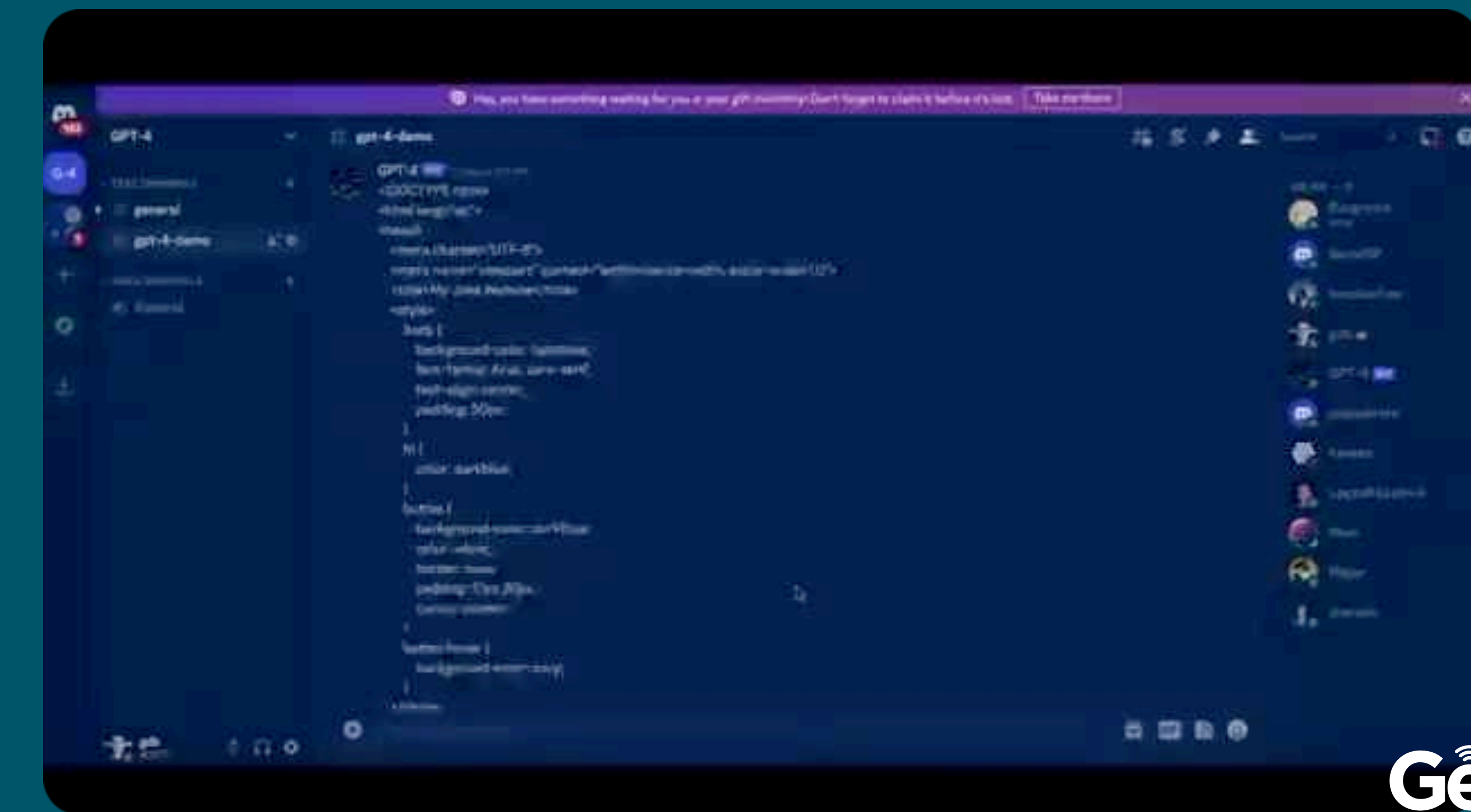
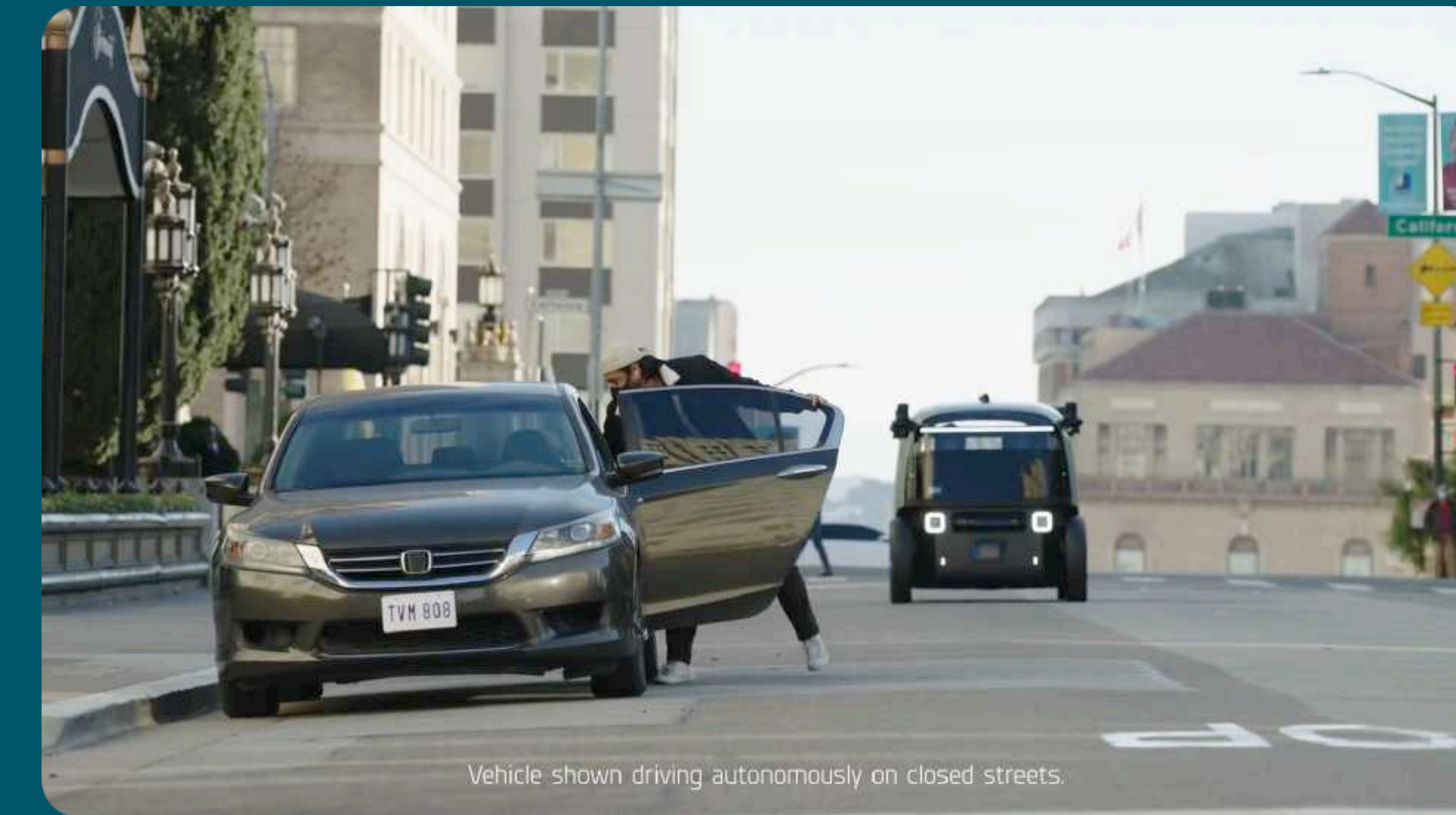
Sadhguru ✓  
11.2M subscribers







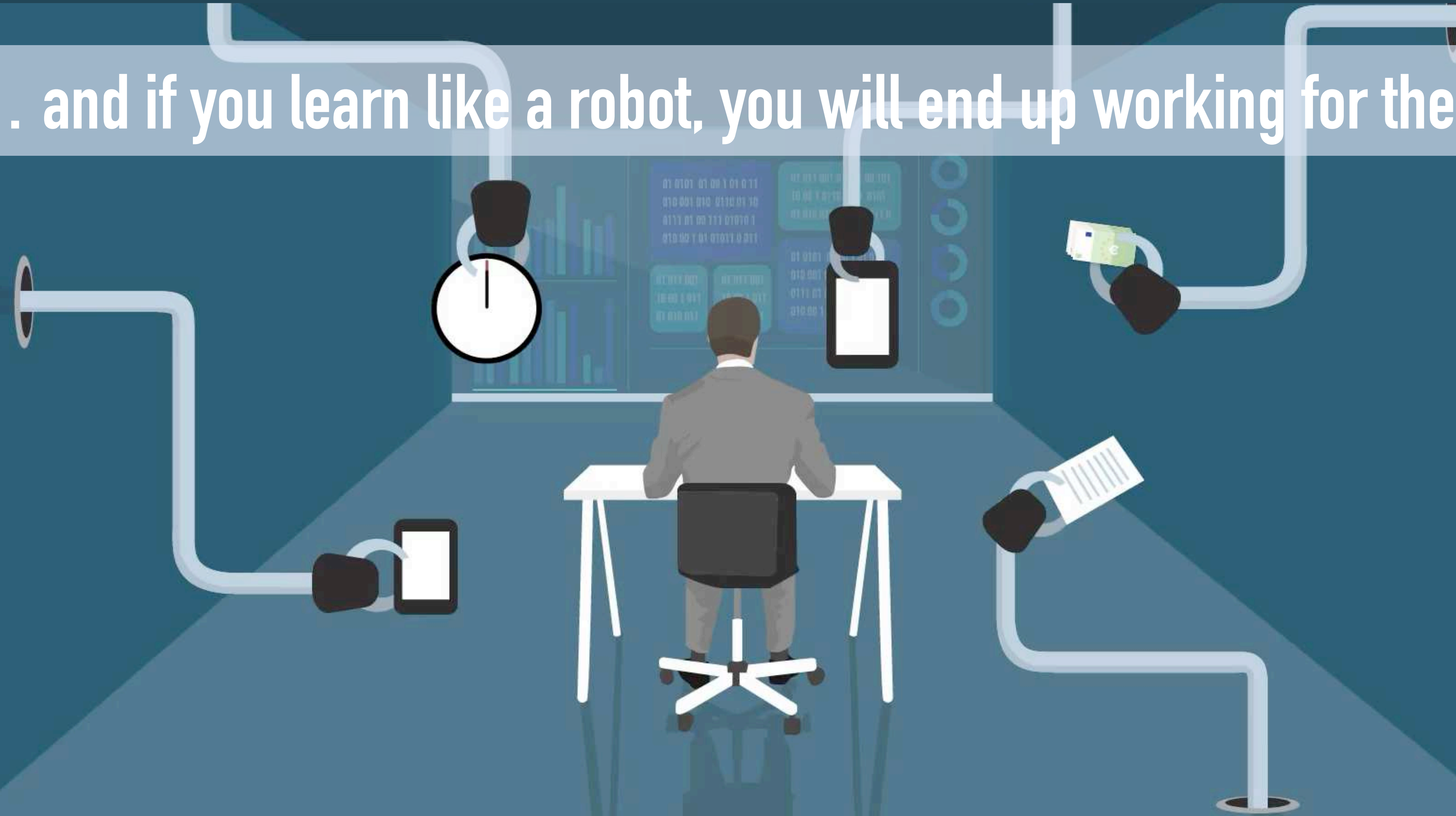
# ROUTINE





# If you work like a robot, a robot will take your job!

## ... and if you learn like a robot, you will end up working for them!



In a markdown table name 10 jobs that will be replaced by AI in INDIA



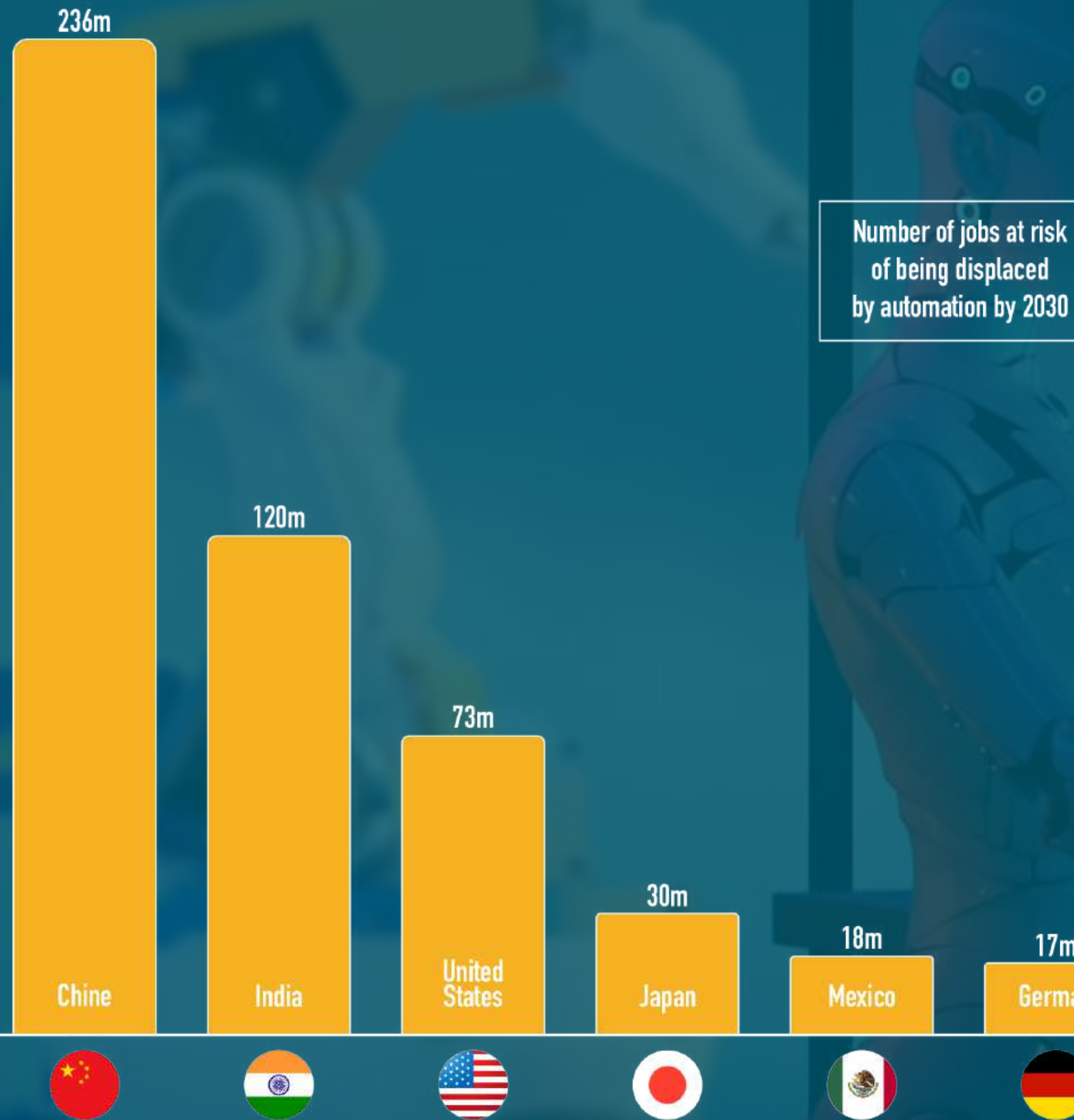
S.No.	Job Title	AI Technology Replacing Job
1.	Data Entry Clerks	Optical Character Recognition (OCR) & NLP
2.	Customer Support Representatives	Chatbots & Virtual Assistants
3.	Manufacturing Assembly Line Workers	Robotics & Computer Vision
4.	Bank Tellers	AI-Enabled Banking Apps & Kiosks
5.	Retail Cashiers	Self-Checkout Systems & AI POS
6.	Translators	Machine Translation & NLP
7.	Agricultural Workers	Autonomous Farming Equipment
8.	Telemarketers	AI-Driven Sales & Marketing Tools
9.	Basic Accounting & Bookkeeping	AI-Powered Accounting Software
10.	Warehouse Workers	Robotics & Autonomous Material Handling



Please note that while these jobs are at risk of being replaced by AI and automation technologies, many other jobs will be created or transformed, requiring new skills and human-AI collaboration.



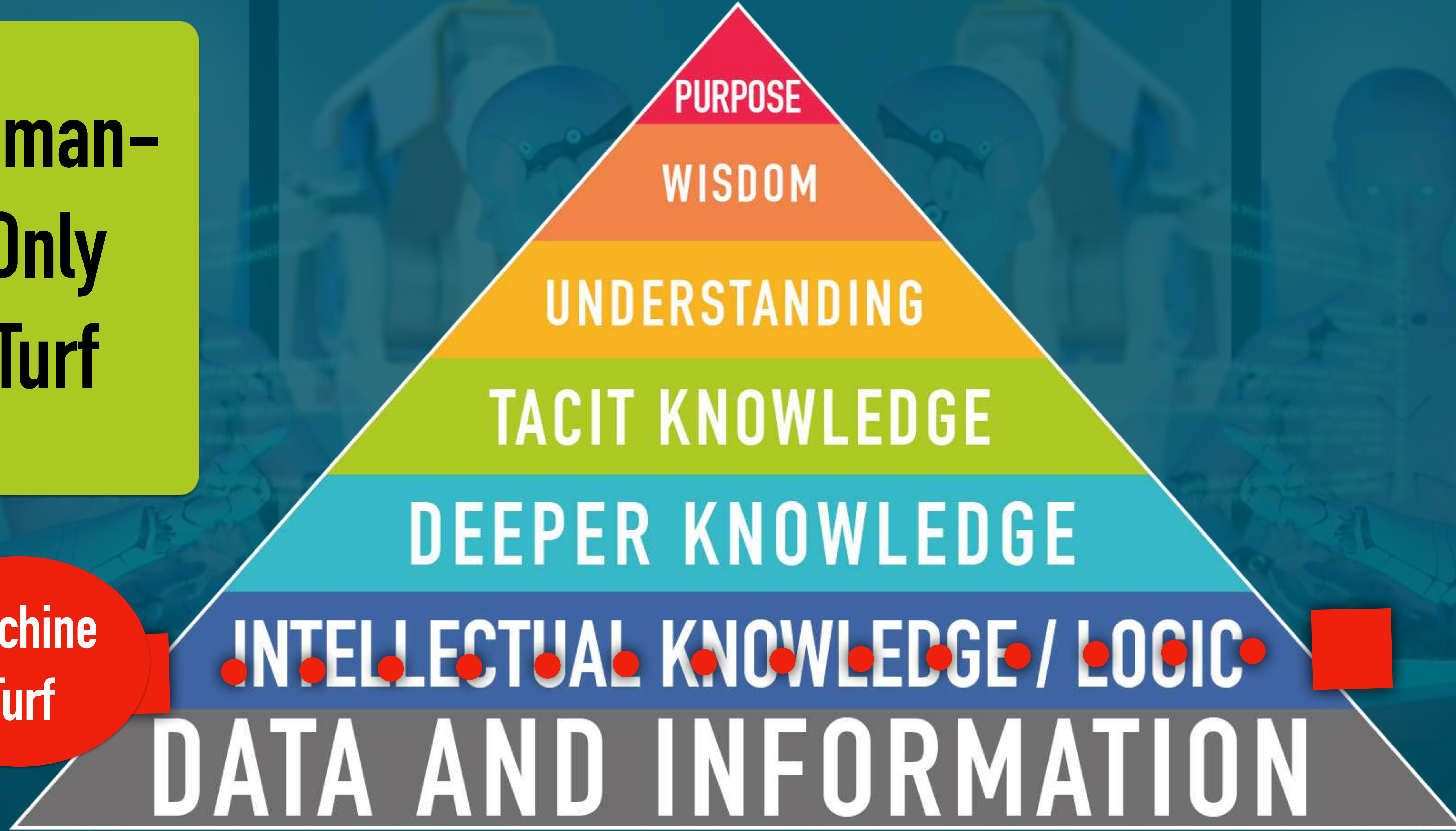
BY 2030, AUTOMATION COULD ELIMINATE  
120 MILLION JOBS IN INDIA



Number of jobs at risk  
of being displaced  
by automation by 2030

**Human-  
Only  
Turf**

**Machine  
Turf**



- Human Agency
- Consciousness
- Imagination
- Intuition
- Compassion
- Empowerment
- Resilience & Agility
- Unorthodoxy
- Creativity
- Entrepreneurship





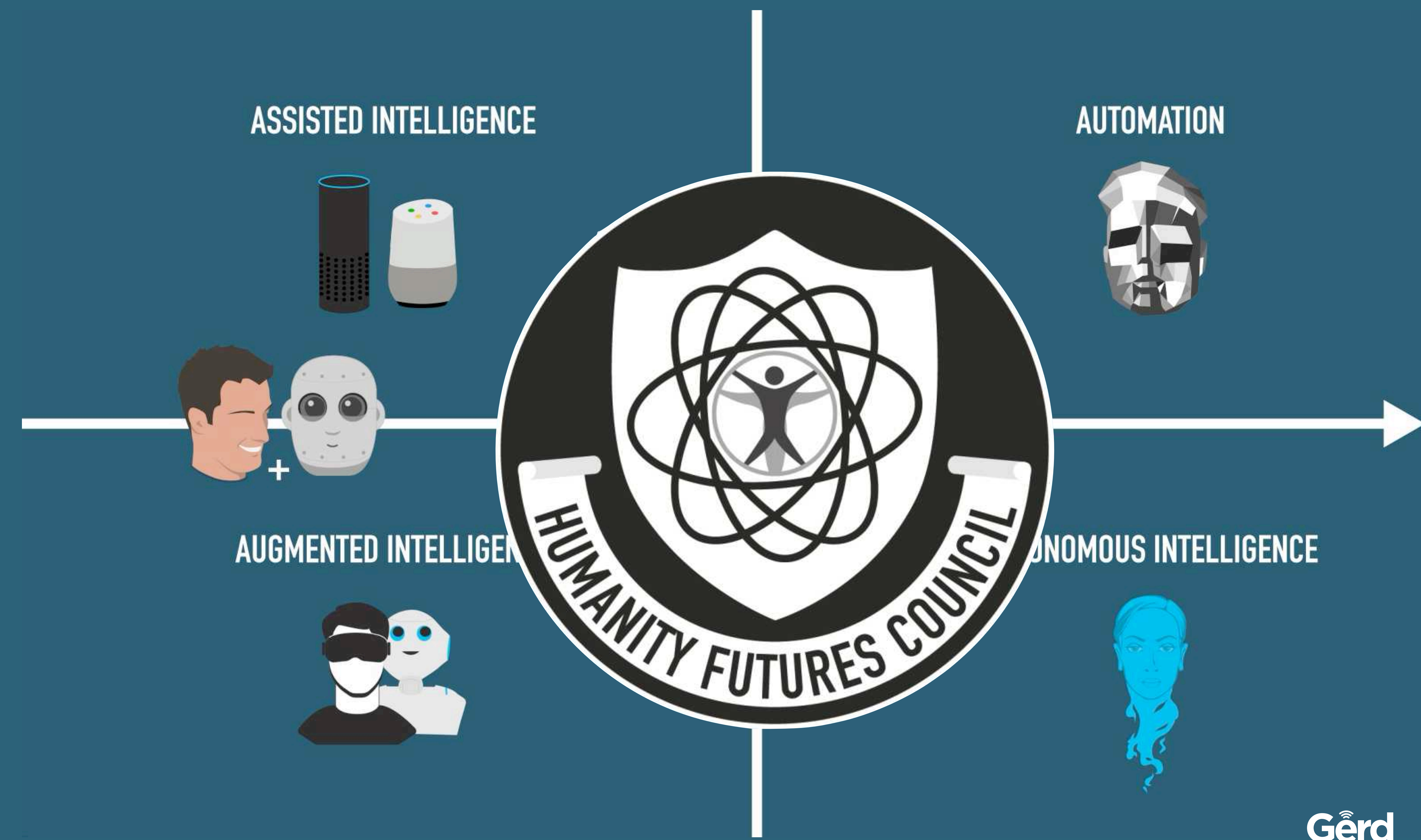
**TECHNOLOGY HAS NO ETHICS**





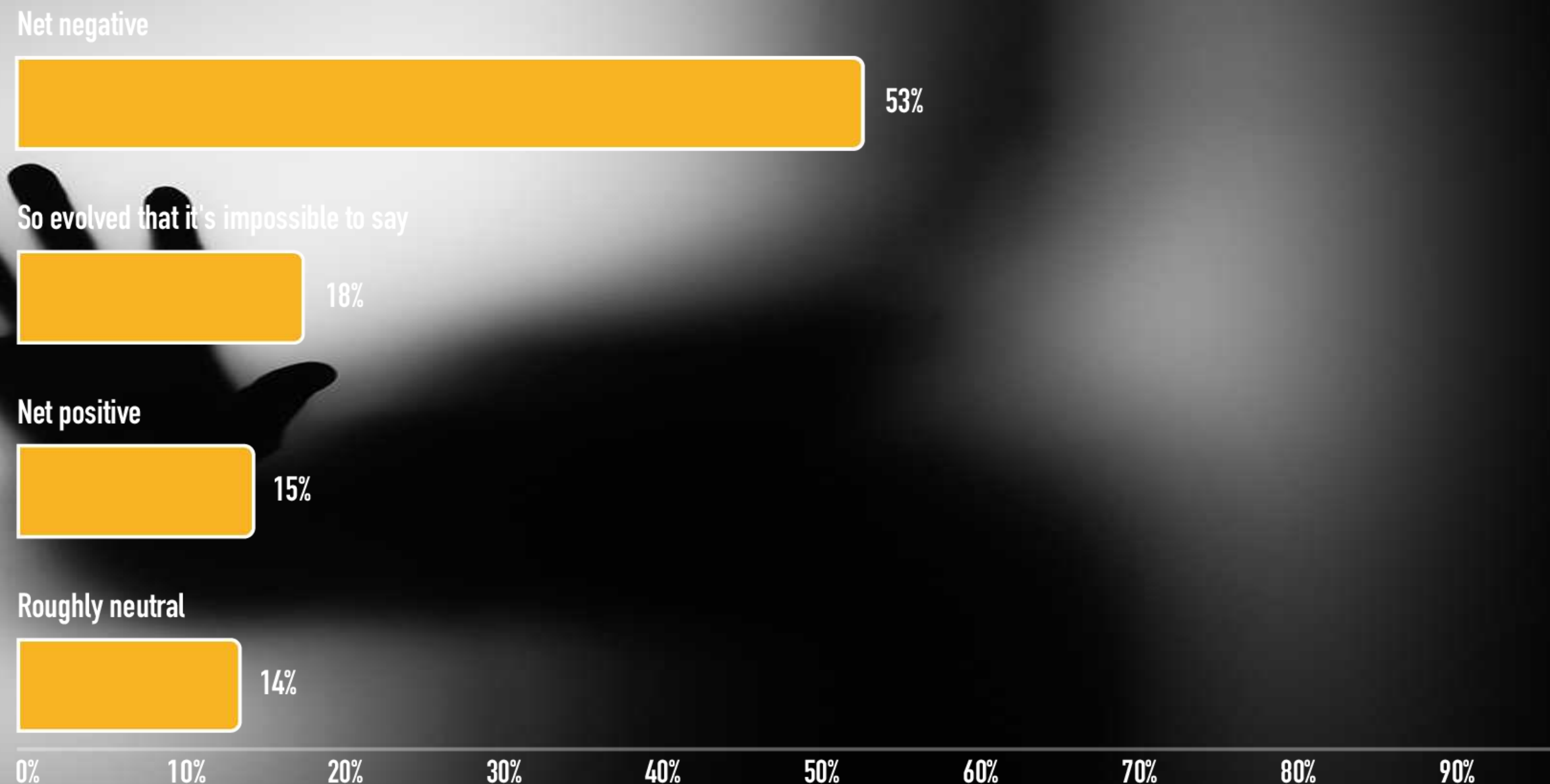


ETHICS is knowing the difference between doing what you have the right (or the power) to do and what is the RIGHT THING TO DO





BY 2033, WILL SOCIAL MEDIA ON BALANCE BE A NET POSITIVE OR NET NEGATIVE FOR DEMOCRACIES AROUND THE WORLD?



Source: Atlantic Council

# How will AI will be a NET POSITIVE for India?

**A FUTURE-FIT INDIA** will use the incredible power of technology for the collective, holistic and inclusive benefit of society **WHILE** minimising its potential harms



As a digital LEADER, IMHO India must look beyond short-term business gains:  
What good would more growth and power be when the foundations of society erode because of how you deploy exponential technologies?



MAGIC



MANIC



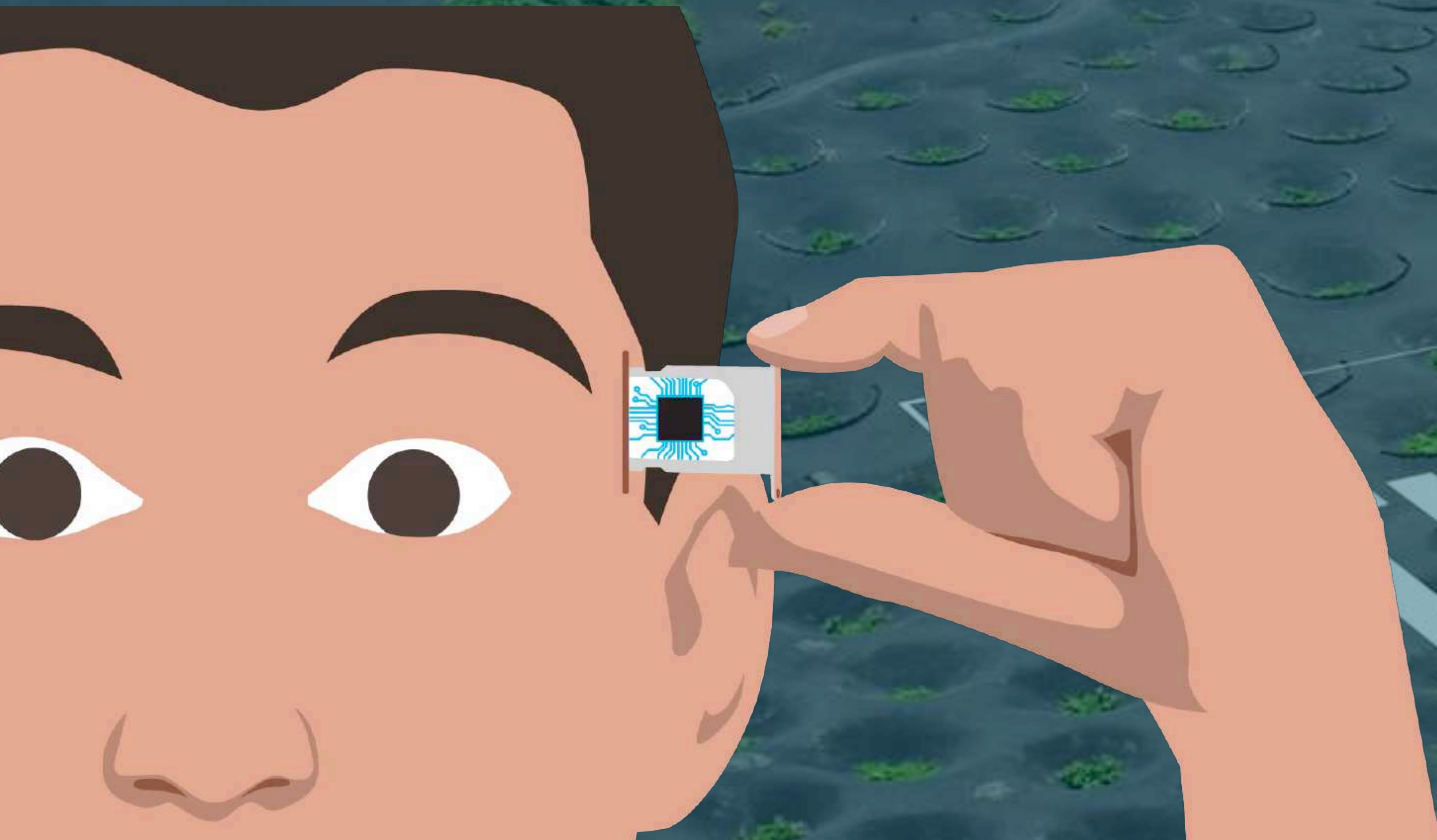
TOXIC

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        over technology in every decision" </h3>  
    </div>  
  </noscript>  
</body>
```





# Embrace technology – but don't become it!








Thanks for your time and kind attention!



  
**TIMES  
NETWORK**  
NOW OR NOTHING

Gerd Leonhard, Futurist



@gleonhard



gerdtube.com



futuristgerd.com



thegoodfuturefilm.com

Gerd