

A person in a blue uniform, possibly a police officer or firefighter, stands with their back to the camera, looking towards a large, intense fire and explosion. The scene is chaotic, with debris on the ground and smoke rising from the flames. The text is overlaid on the left side of the image.

A Inteligência artificial é
perigosa?

Devemos Preocupar?

Mas se a mesma for
OpenSource?



Is artificial intelligence
dangerous?

Should We Worry?

But if it is OpenSource?

About the Speaker

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Specialist Senior Java - GFT

Technician **System Development**


Graduated **Computer Science**

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GOJava



AWS User Group Goiânia



Agenda

1. Is artificial intelligence dangerous?

2. Should We Worry?

3. But if it is OpenSource?



Introduction







Sasha Luccioni

AI Is Dangerous, but Not for the Reasons You Think

<https://www.youtube.com/watch?v=eXdVDhOGqoE>



Efeito da IA:

Data centers Effect of AI:

data centers could
double energy
consumption by 2026.

<https://www.youtube.com/watch?v=SslwA1CGc9A>





BOOK I ROBO



Three Laws of Robotics

The First Law:

A robot may not injure a human being or, through inaction, allow a human being to come to harm

The Second Law:

A robot must obey the orders given it by human beings except where such orders would conflict with the First Law.

The Third Law:

A robot must protect its own existence as long as such protection does not conflict with the First or Second Law



Zeroth Law

A robot may not injure humanity or,
through inaction, allow humanity
to come to harm.

"I think it's probably...": Elon Musk on when AI will become ..

"If you define **AGI** (artificial general intelligence) as smarter than the smartest human,

I think it's probably next year, within two years,

" Musk said when asked about the timeline for development of **AGI**.



<https://timesofindia.indiatimes.com/technology/tech-news/>

LUCY AI

NENHUM DESENVOLVEDOR DEVERÁ SOFRER COM TESTES NA SUA VIDA

Artificial General Intelligence (AGI)

● LIVE



9:00

BREAKING NEWS

Artificial Intelligence is hunting and killing test analysts all over the world, chaos is reigning in all countries, in Brazil there are already test analysts resigning

ALIGNED AI == CATASTROPHE == AN OPPORTUNITY



YOSHUA BENGIO



GEOFFREY HINTON



ALAN TURING



O **problema** associado à construção de sistemas de inteligências artificiais poderosos que são alinhados com **seus operadores**

Artificial General Intelligence (AGI)



The Alignment Problem:

Machine Learning
and Human Values
with Brian Christian

<https://www.youtube.com/watch?v=z6atNBhItBs>



**Primeira morte por um
carro autônomo é culpa
de humano, conclui
Justiça**



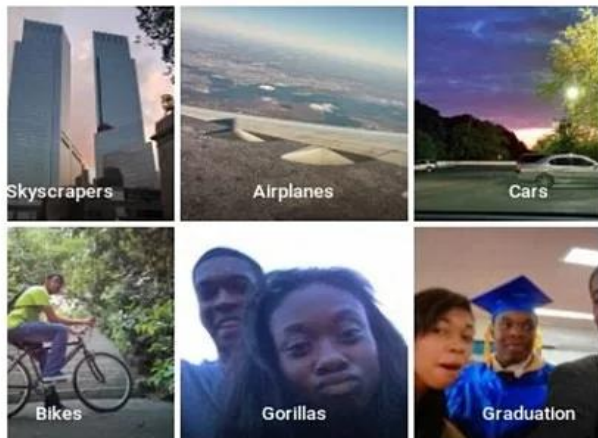


diri noir avec banan
@jackyalcine



Following

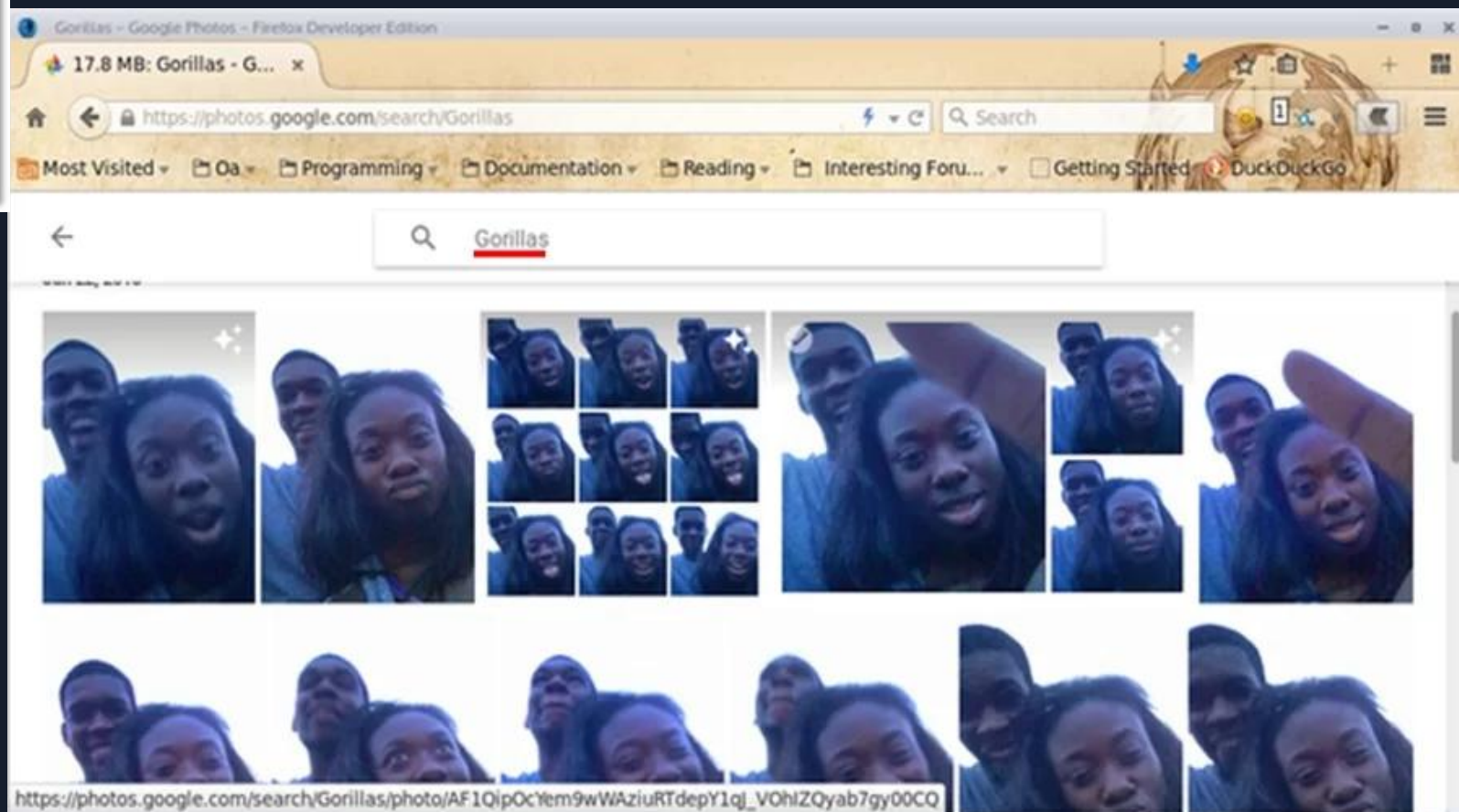
Google Photos, y'all [REDACTED] up. My friend's not a gorilla.



Twitter - @jackyalcine

Fail épico:

sistema do Google Fotos identifica pessoas negras como gorilas



DATA THAT MACHINES LEARN





Machine Learning - Aprendizado de Máquina



LUCY AI

BELIEF

CULTURE

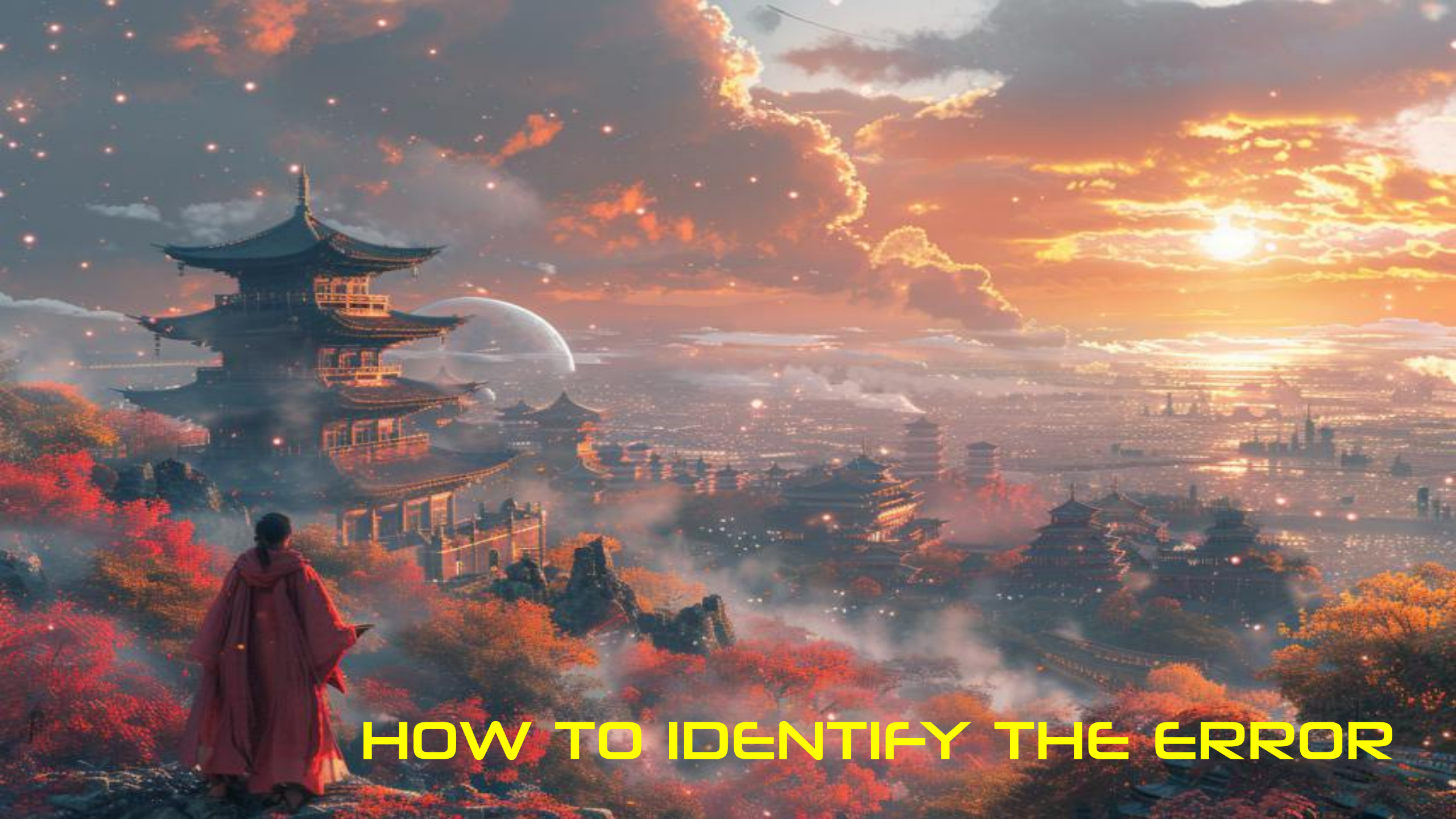
RELIGION

COUNTRY

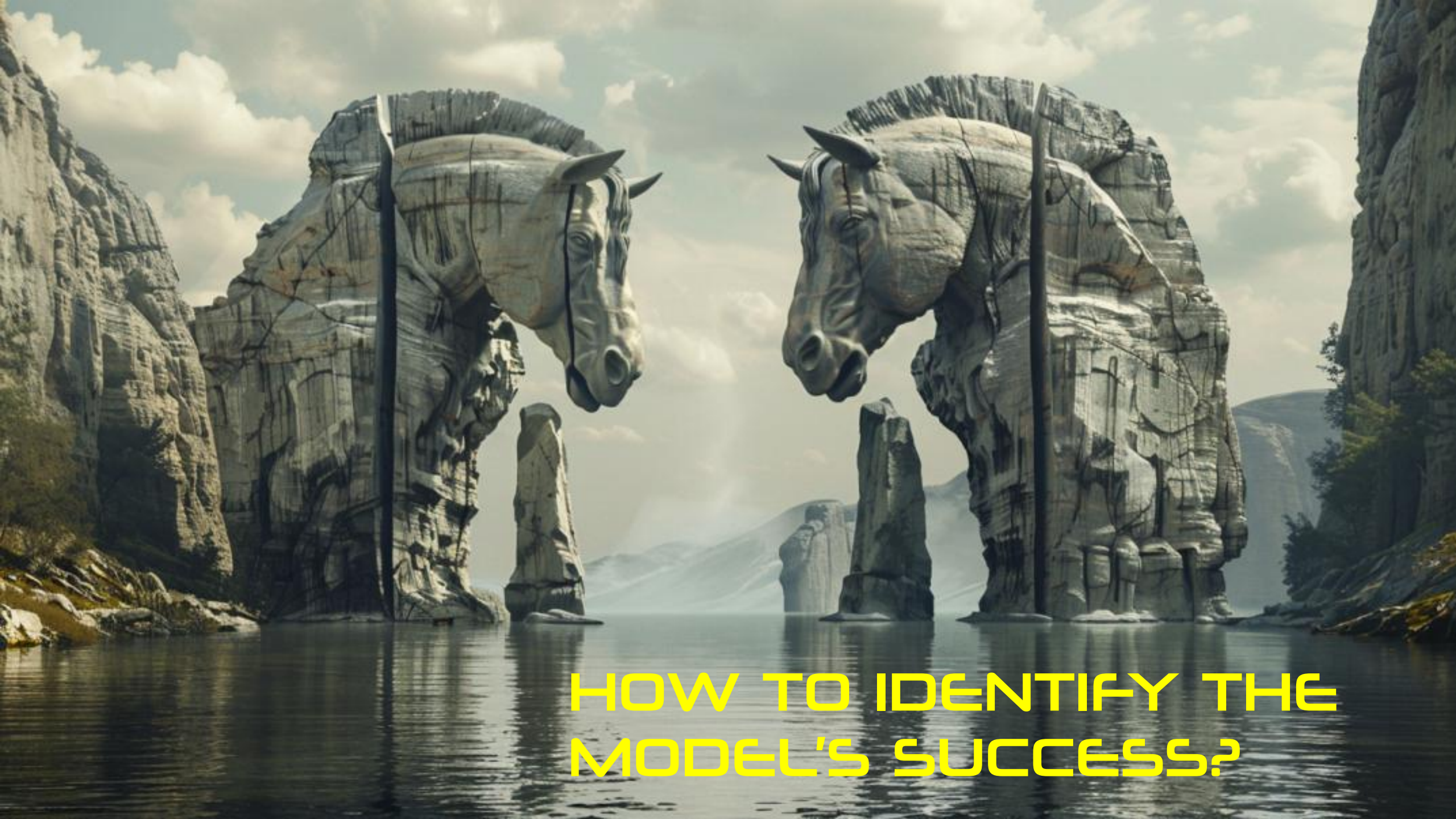
ETHIC

NENHUM DESENVOLVEDOR DEVERÁ SOFRER COM TESTES NA SUA VIDA

Artificial General Intelligence (AGI)



HOW TO IDENTIFY THE ERROR



**HOW TO IDENTIFY THE
MODEL'S SUCCESS?**



RIGHT X WRONG

10 open source AI platforms for innovation

1. Tensorflow
2. Pytorch
3. Keras
4. Open AI
5. Rasa
6. Amazon Sagemaker
7. Apache MXNet
8. Scikit-learn
9. OpenCV
10. H2O.ai



What is open source AI?

Open-source AI involves freely accessible source code, fostering a collaborative environment for developers to utilize, modify, and distribute AI technologies.

This openness encourages the creation of creative AI applications as a community of enthusiasts collaborates, expediting the development of practical solutions.

Advantages of leveraging open source AI

Open-source AI has emerged as a powerful force in driving innovation and accessibility across various fields. Its unique characteristics offer significant advantages for developers, researchers, and organizations alike. Here's a breakdown of the key benefits:

Diverse use cases: Open-source AI platform offers a wide array of practical applications, such as real-time fraud detection, medical image analysis, personalized recommendations, and tailored learning experiences.

Accessibility: Open-source AI projects and models are readily accessible to developers, researchers, and organizations, facilitating their widespread adoption and utilization.

Advantages of leveraging open source AI

Community engagement: Utilizing open-source AI provides organizations with access to a diverse community of developers who continuously contribute to the enhancement and advancement of AI tools.

Transparency and iterative improvement: The collaborative nature of open-source AI fosters transparency and facilitates ongoing improvement, resulting in the development of feature-rich, dependable, and modular tools.

Vendor neutrality: Open-source AI solutions ensure organizations are not bound to any specific vendor, offering them flexibility and independence in their technology choices.

Challenges associated with open source AI

While open-source AI unlocks numerous possibilities, it's crucial to acknowledge and mitigate its inherent challenges:

Risk of misalignment and failure: Embarking on custom AI development without clear objectives can result in misaligned outcomes, wastage of resources, and project failure.

Bias in algorithms: Biased algorithms have the potential to generate flawed results and perpetuate harmful assumptions, undermining the reliability and usefulness of AI solutions.

Challenges associated with open source AI

Security concerns: The accessibility of open-source AI raises security concerns, as malicious actors could exploit these tools to manipulate outcomes or create harmful content.

Data-related issues: Biased training data can lead to discriminatory outcomes, while data drift and labeling errors can render AI models ineffective and unreliable.

Outsourced technology risks: Enterprises using open-source AI solutions from external sources may expose their stakeholders to risks, emphasizing the importance of cautious consideration and responsible implementation.

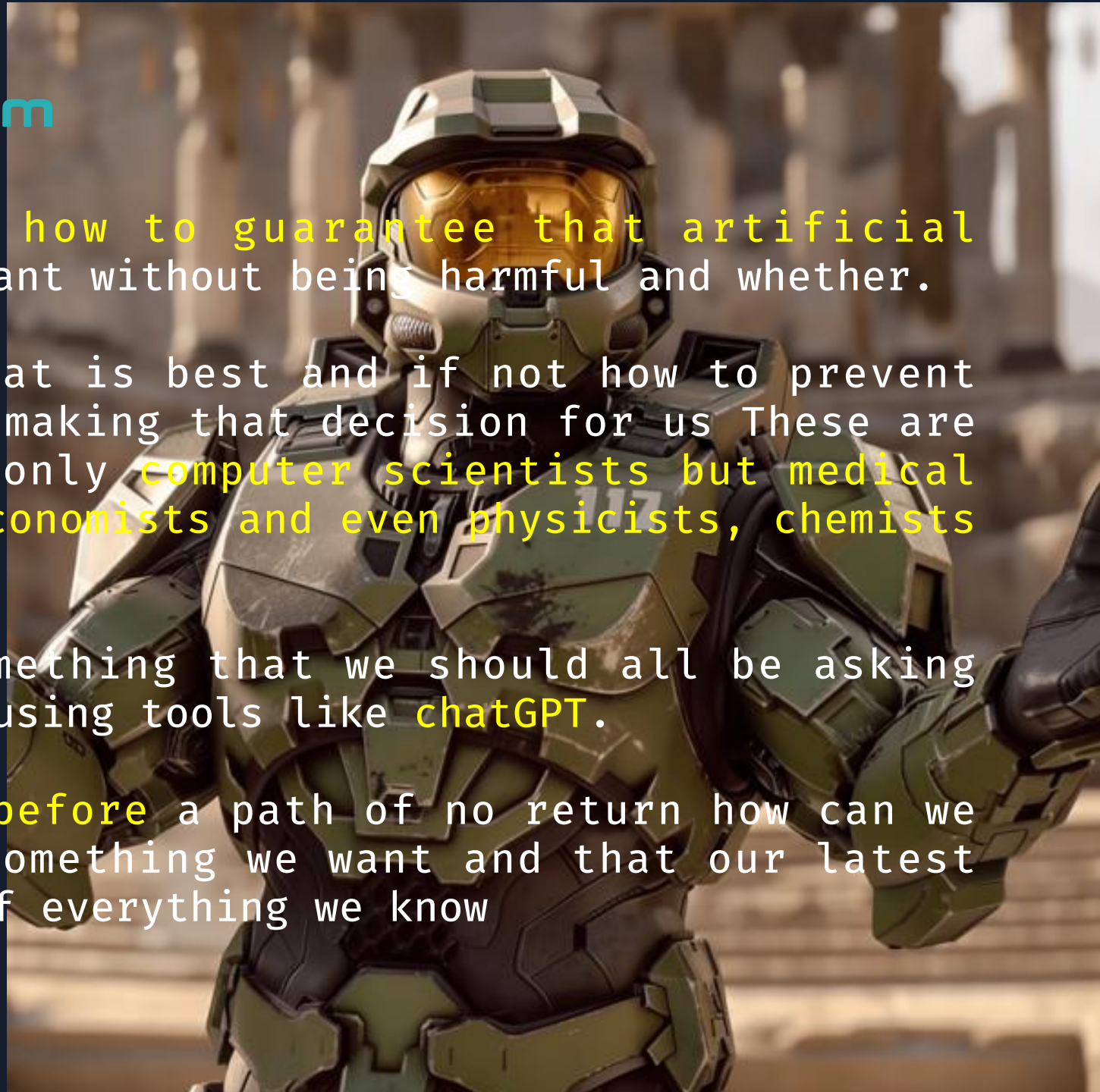
But the alignment problem

Precisely the question of **how to guarantee that artificial intelligence** will do what we want without being harmful and whether.

What we want is precisely what is best and if not how to prevent artificial intelligence from making that decision for us These are questions which involve not only **computer scientists but medical philosophers, sociologists, economists and even physicists, chemists and biologists.**

This set of questions is something that we should all be asking ourselves doing it even while using tools like **chatGPT.**

But we only have one chance before a path of no return how can we ensure that this chance is something we want and that our latest invention is not too the end of everything we know



Create Instagram Page About AI



power.ai

Seguir

Enviar mensagem



1.127 publicações

385 mil seguidores

12 seguindo

Artificial Intelligence

@power.ai

Comunidade

⚡ 650,000+ TikTok, Facebook, YouTube

🤖 Sharing the BEST AI Tools to save you time & money

👉 Access 5,000+ AI tools(Free)

🔗 www.powerfulai.tools

Seguido(a) por [dailycreativve.uiux](#), [uinafiur](#), [marcelaluzzio](#) e outras 14 pessoas

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Q & A



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THANK YOU