



AI and I: How AI Shapes Industries and What Should One Do?

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Imagine our lives without



AI – The New King in Town

White House
Feb. 4

NBC NEWS
EXCLUSIVE

**Trump says he takes
responsibility for longterm
effects of AI on economy**

Let's talk about AI.

What is AI?

AI is a machine that guesses very well

Detecting statistical patterns in massive data sets and predicting what is most likely to come next.

AI does not understand the world. It calculates probabilities based on patterns it has learned from data.



From Insight to Action

PREDICTIVE AI

Forecast | Optimize | Score



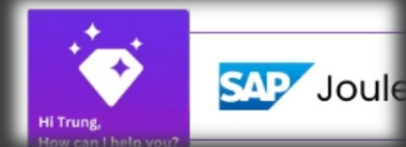
GENERATIVE AI

Interpret | Explain | Create

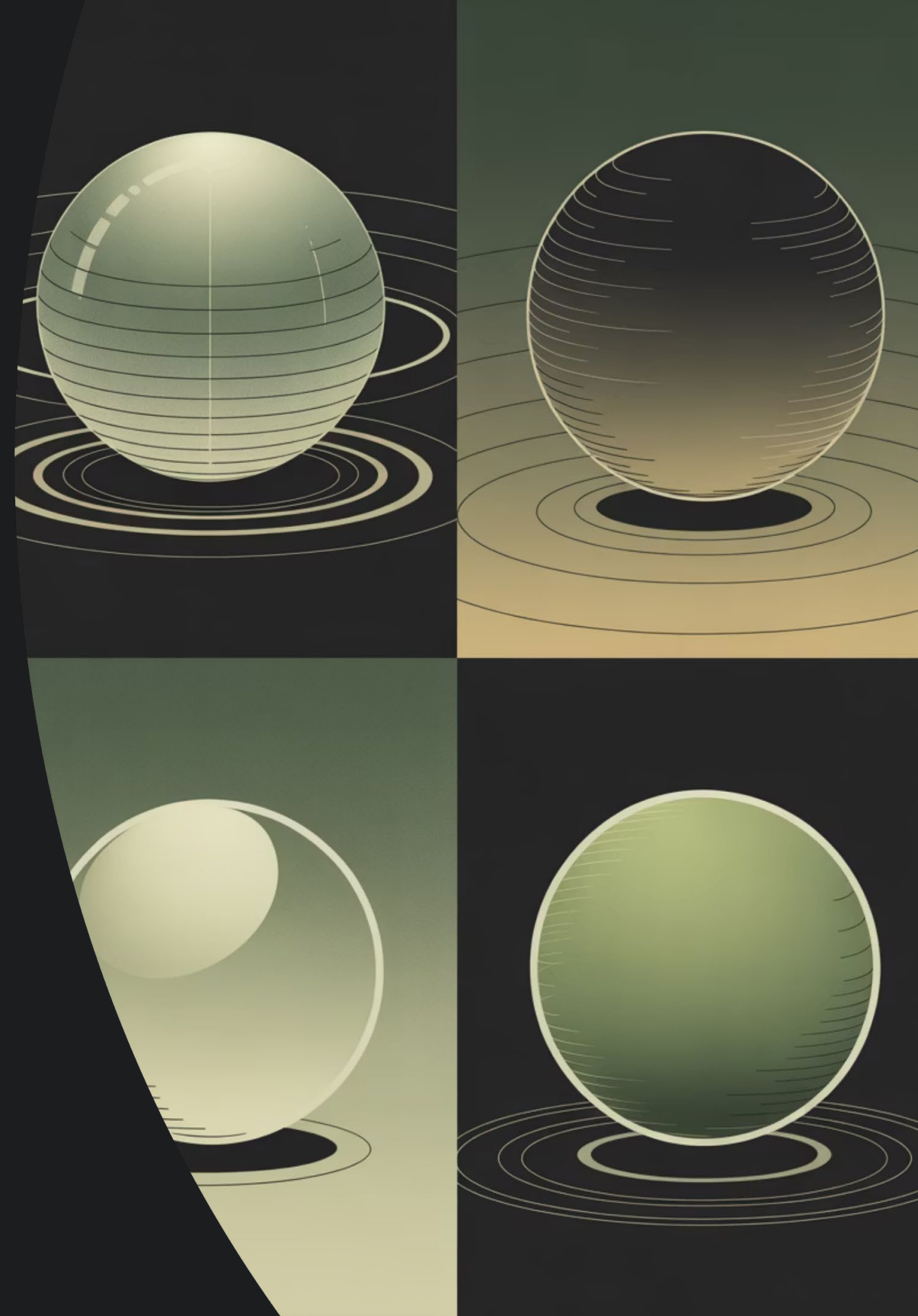


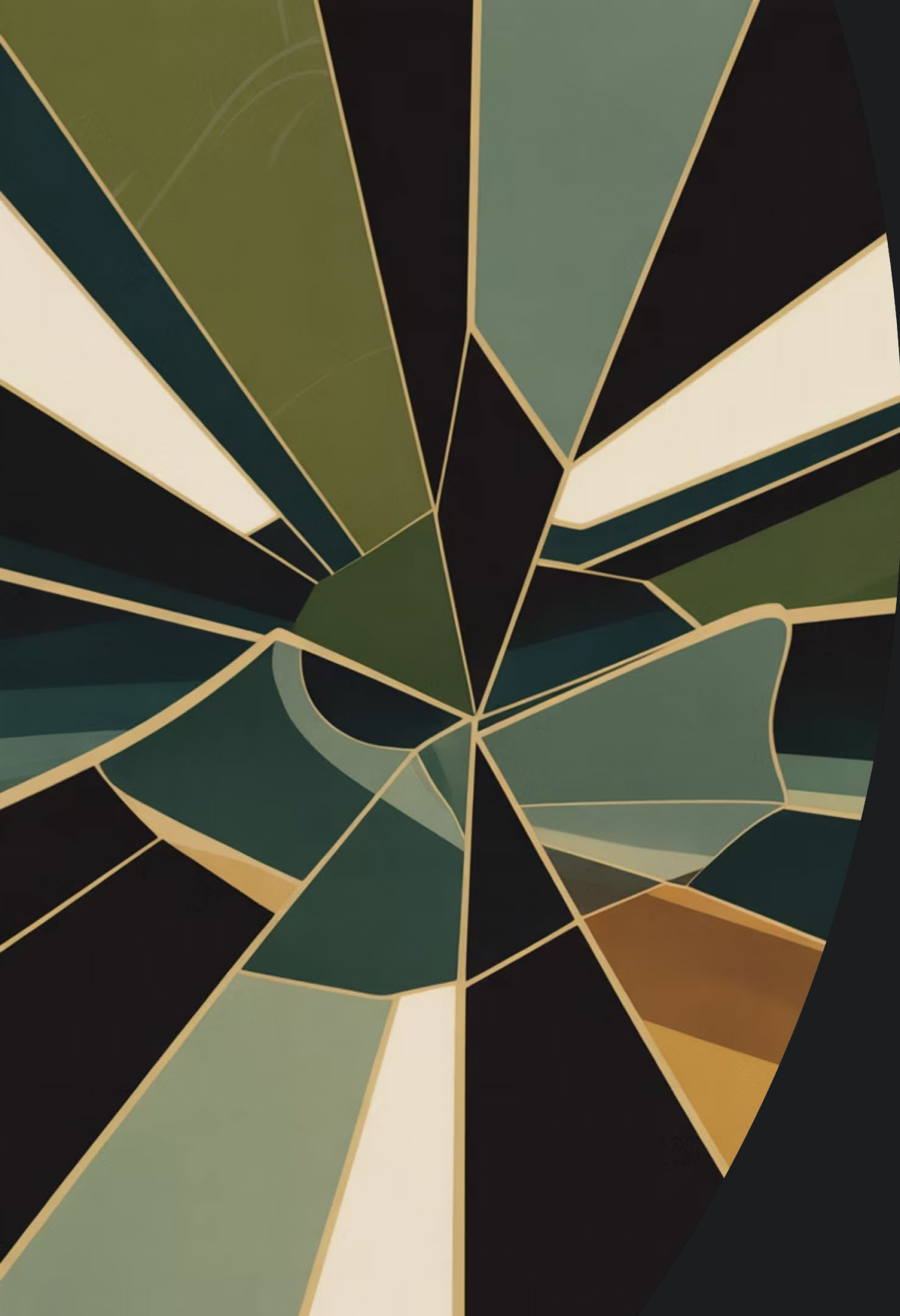
AUTONOMOUS AI

Recommend | Negotiate | Execute



The Big 4 of Near Future AI





The Age of Post Truth

**The truth,
the whole truth,
and nothing but the truth**

The Age of Post Truth

| ~~The truth~~, the whole truth, and nothing but the truth



Official Website for the City of Oakland

CITY OF OAKLAND

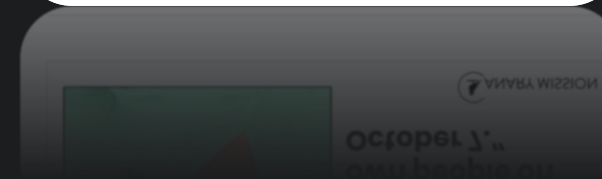
Christina Gutierrez

Title: Program Analyst II



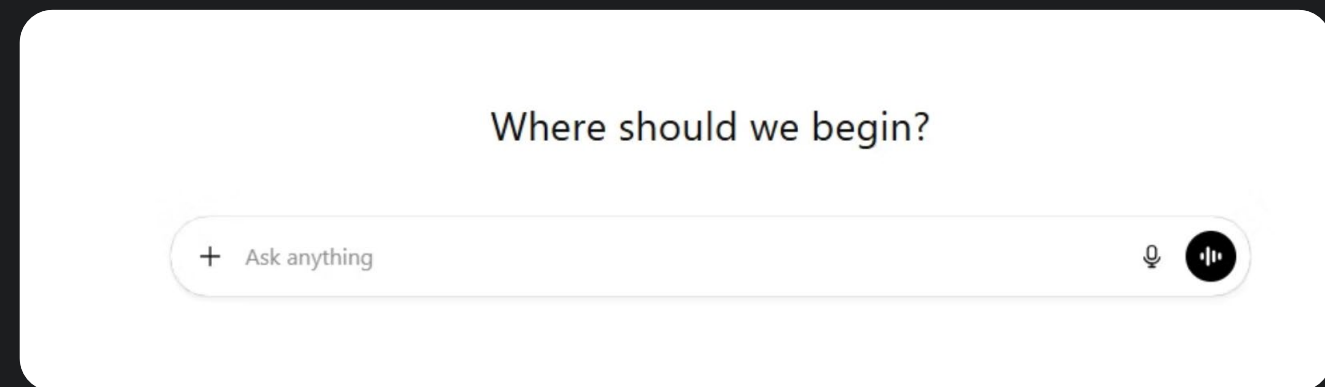
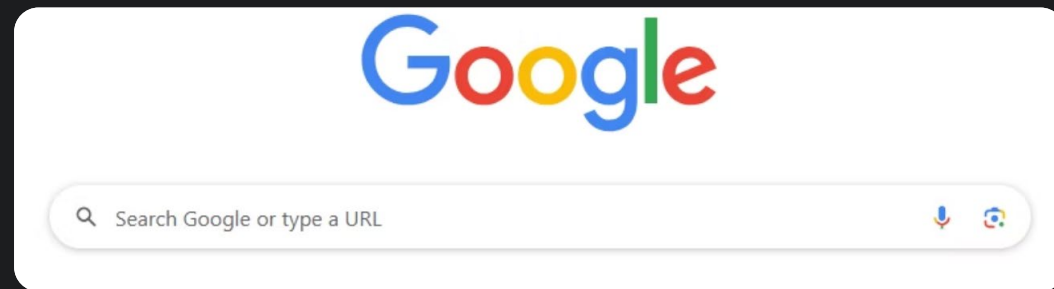
"There have not been beheadings of babies and rapings. Israel murdered their own people on October 7."

ANARY MISSION



The Age of Post Truth

~~The truth, the whole truth, and nothing but the truth~~



The Age of Post Truth

~~The truth, the whole truth, and nothing but the truth~~

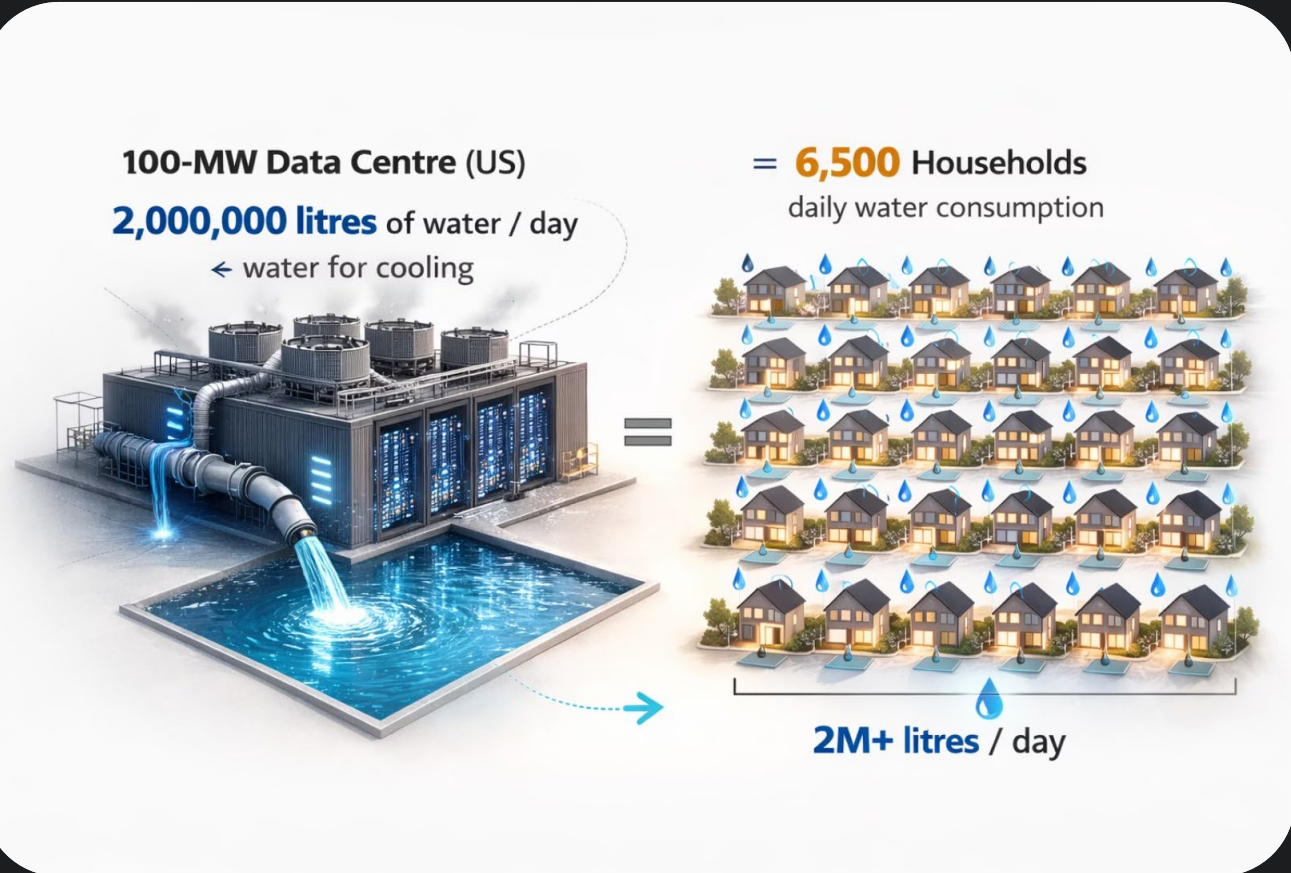
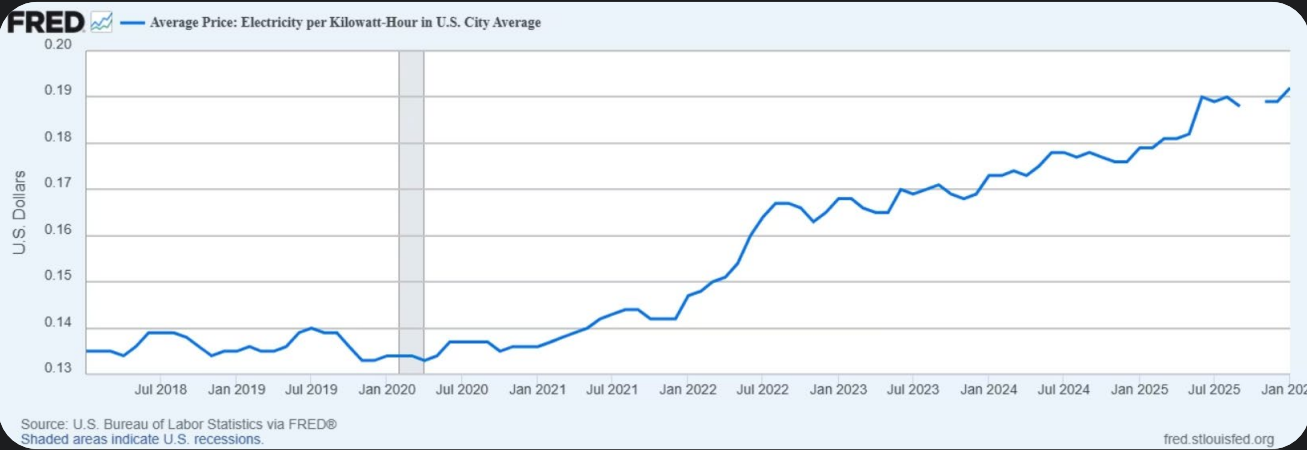


The Age of Post Truth

Blockchain as a solution?

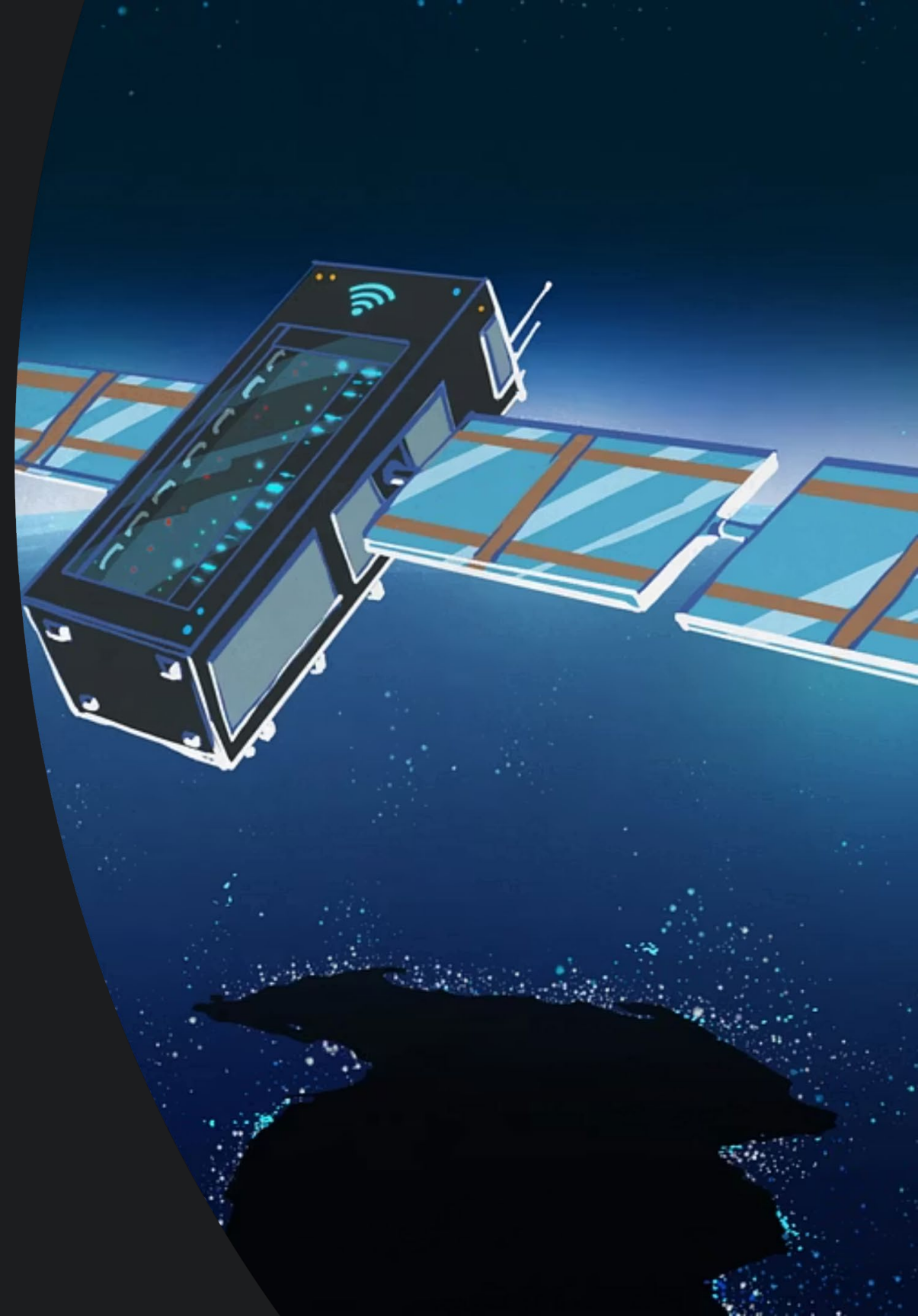


The Race to Space

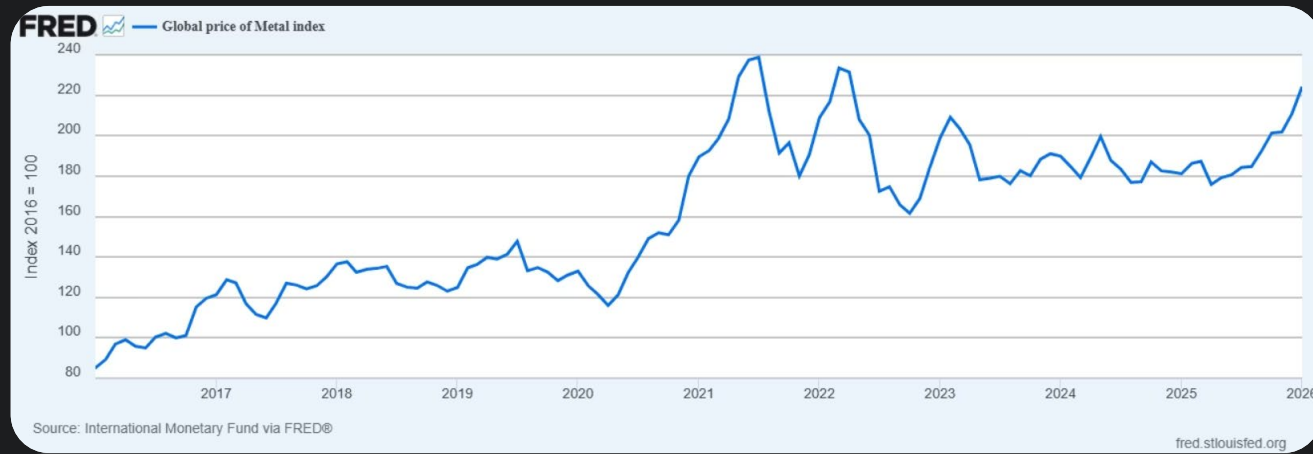


The Race to Space

Orbital data centers



The Race to Space



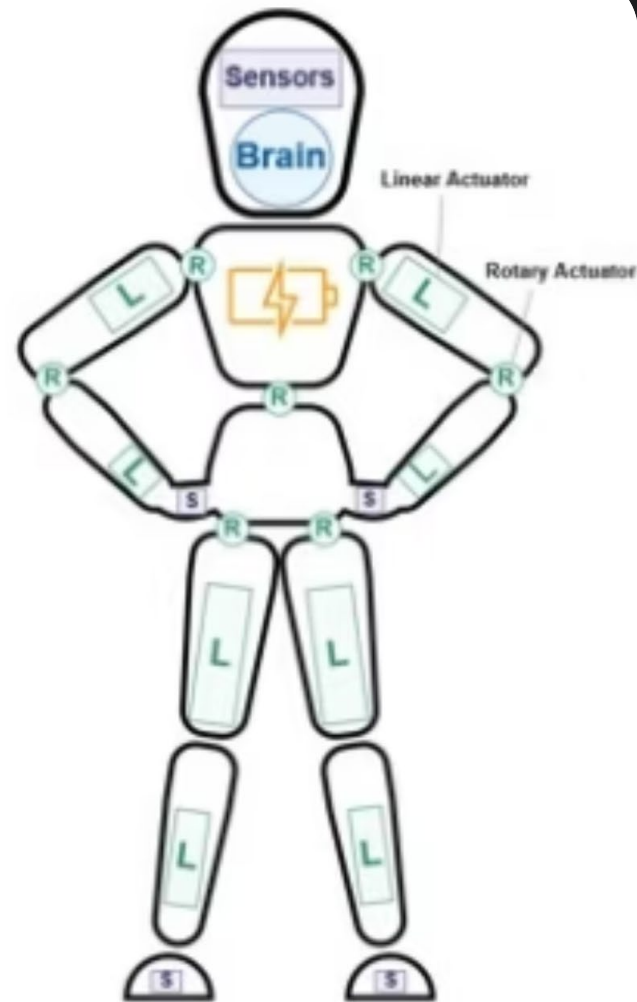
The Race to Space

Mining near-earth asteroids

AI for detection and operation



Physical AI – The rise of the Humanoids



Physical AI

China



Physical AI

Opportunities and Threats



He accidentally gained control of 7,000
robot vacuums

Physical AI

Opportunities and Threats



Ukrainian robots capture enemy position without troops in historic first, Zelenskyy says

EURACTIV



Access vs Ownership

IP as a commodity

Insurance?

Cyber security?

What should we do?

There is a new technology spreading quickly —one that claims to make knowledge more accessible. Its supporters celebrate it as progress. They say it will democratize learning, make books cheaper, and distribute ideas widely.

But we should be careful.

This technology produces texts rapidly and in large numbers, without the discipline, care, and devotion that true scholarship requires. When writing becomes mechanical, errors multiply. When content become abundant, attention becomes scarce.

Writing demand time, skill, and reverence. It reflects human judgment. This new method replaces thoughtful labor with replication. It risks flooding the world with texts of uneven quality —words produced without responsibility.

When production becomes effortless, discernment declines. Readers may assume authority where none exists. The more information we generate, the harder it becomes to protect truth.

Not every innovation improves society. Some weaken standards while appearing to expand access.

We must ask not only what this technology can do —but what it may erode.

יש טכנולוגיה חדשה שמתפשטת במהירות. כזו שטוענת שהיא מנגישה ידע לכולם. תומכיה חוגגים אותה כקדמה. הם אומרים שהיא תהפוך את הלמידה לדמוקרטית יותר, תוזיל ספרים ותפיץ רעיונות לכל עבר.

אבל עלינו להיזהר.

הטכנולוגיה הזו מייצרת טקסטים במהירות ובכמויות גדולות, בלי המשמעת, ההקפדה והמסירות שהעיון האמיתי דורש. כשהכתיבה נעשית מכנית, טעויות מתרבות. כשהתוכן נעשה שופע, הקשב נעשה נדיר.

כתיבה דורשת זמן, מיומנות ויראת כבוד. היא משקפת שיקול דעת אנושי. השיטה החדשה מחליפה עבודה מחשבתית בשכפול. היא עלולה להציף את העולם בטקסטים באיכות לא אחידה —מילים שנוצרו ללא אחריות.

כאשר הייצור נעשה כמעט חסר מאמץ, כושר ההבחנה נחלש. הקוראים עלולים לייחס סמכות למקום שבו אין כזו. ככל שאנו מייצרים יותר מידע, כך קשה יותר לשמור על האמת. לא כל חידוש משפר את החברה. יש חידושים שמחלישים סטנדרטים דווקא בזמן שהם מרחיבים נגישות.

עלינו לשאול לא רק מה הטכנולוגיה הזו יכולה לעשות, אלא מה היא עלולה לשחוק.

What should we do?

O Deus! O pietas! O sancta fides veneranda!
Quid facitis, domini? Pignora vestra ruunt,
Dum placet id potius quod dulce est quam quod honestum.
Omne movens Venerem turpiter ingeminant;
Tam modicis nummis stampant quod quisquis abunde
Id sibi conquerit, sicque student asini.
Sculptores vinum sugunt, luxuque sepulti
Stertunt, derident. Ytalicus stabulat.
Exulat ars melior scriptorum qui nihil unquam
Sciverunt operis quam dare scripta bene.
Haec te concernit, dux, gloria: sternere stampas;
Quod precor ut facias, ne viciosus ovet.

Scriptura est equidem veneranda, bonisque ferenda
Nobilior cunctis, quae nobis congerat aurum,
Ni sit prostibulo stamparum turpia passa.
Est virgo haec penna: meretrix est stampificata.

O God! O piety! O holy venerable
faith! What, my lords, are you doing? Your
pledges come to nothing, as long as what is
pleasant is more pleasing to you than what
is honourable. They basely flood the market
with anything suggestive of sexuality, and
they print the stuff at such a low price that
anyone and everyone procures it for himself
in abundance. And so it happens that asses
go to school. The printers guzzle wine and,
swamped in excess, bray and scoff. The
Italian writer lives like a beast in a stall.
The superior art of authors who have never
known any other work than producing
well-written books is banished. This glory
pertains to you, Doge: to lay low the
printing-presses. I beg you to do this, lest
the wicked should triumph.

Writing indeed, which brings in gold for us,
should be respected and held to be nobler
than all goods, unless she has suffered
degradation in the brothel of the printing-
presses. She is a maiden with a pen, a
harlot in print.



Year: 1474

Technology: Print!

What should we do?

- Be aware
- Prepare
- Seek opportunities

Do not ignore the black swan!

NEW YORK TIMES BESTSELLER

SECOND EDITION

With a new section: "On Robustness and Fragility"

THE BLACK SWAN



The Impact of the
HIGHLY IMPROBABLE

Massim Nicholas Taleb



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