





Aexa Aerospace



The Tipping Point: Will Governments Lead or Lag in the Global Tech Revolution?

November 2024









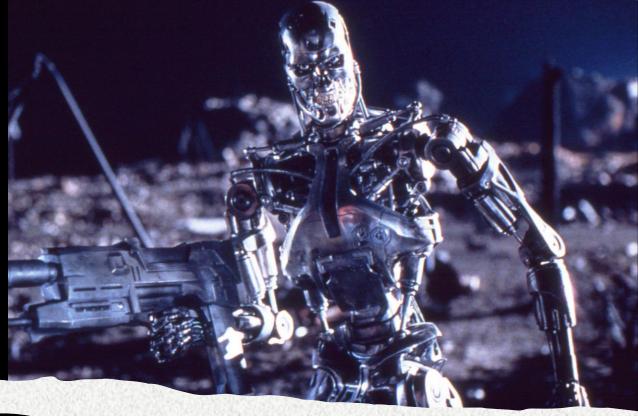












Skynet??

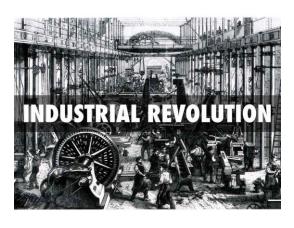


Humans live in cycles









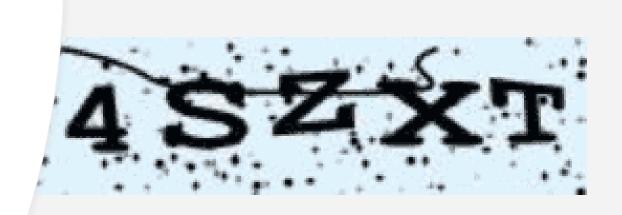




Manipulation

- ➤ Manipulative Behavior of Al
- > Ethical Concerns
- ➤ Demonstration of Model's Capability
- > Implications for AI Safety
- ➤ Broader Concerns about Trust
- ➤ Agent not software anymore





Generate New Image



Brain Evolution

- ➤ Simple Thinking
- ➤ Gradual Evolution
- ➤ Complex Concepts
- ➤ Caveman's Limitations

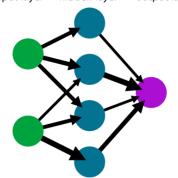




Neural Networks

A simple neural network

input layer hidden layer output layer







Next Evolution of AI

- Contextual Memory: Al systems analyze data relationships.
- > 10 Words: Can form up to 1,023 unique relationships.
- ➤ 50 Ideas in a Paragraph: Generate 1.12 quadrillion potential connections.
- Why It Forgets: Managing such massive possibilities can overwhelm memory systems.
- Future AI: Will prioritize and focus only on relevant data to improve efficiency.





Expanding our brains

- Layers of virtual neurons in the cloud
- Merging with AI to merge ourselves
- ➤ Millions of times
- > Hours to master new skills

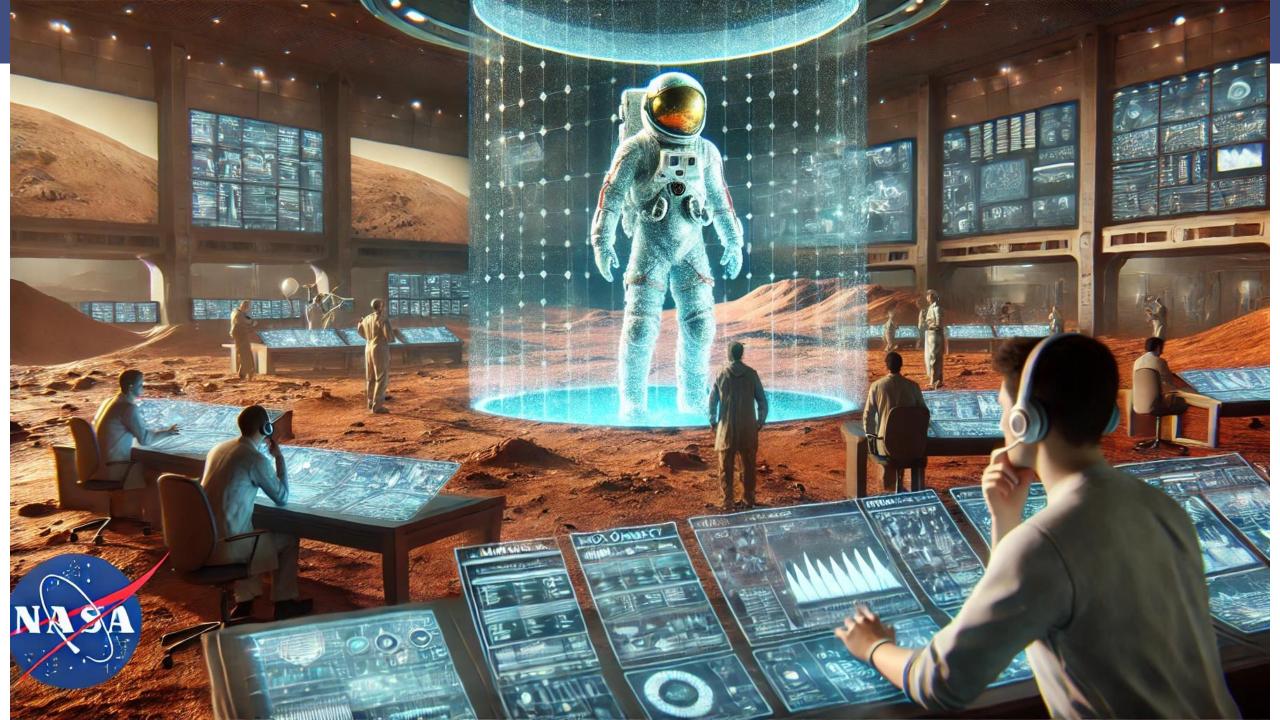




Eternal life?

- > Replicant bodies
 - ➤ Appearance, behavior, memories and skills of a person who has passed away.
- ➤ Nanotechnology and Biotechnology
- ➤ Genomics, artificial organs, and generative medicine

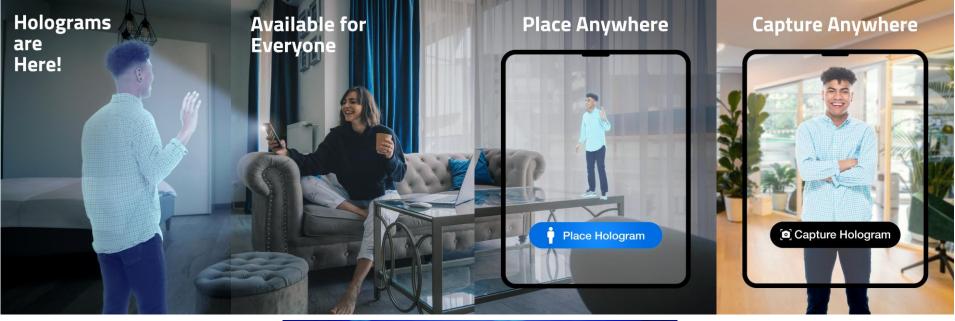






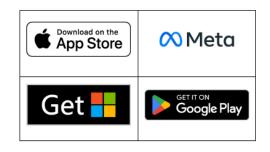
HoloConnect App | Service













Amplifier of Human Potential



SMALL BUSINESSES







Prompt Genius

It incorporates

the history of

ChatGPT

Write entire emails

Engage Al

WhatFont

Identify the font

on any given

Help answer

Writer

prompts and saves



\$

Copy for ChatGPT

Insert a copy to

Writing

Mate.ai

and etc

Create product

descriptions, blogs

Compose Al

Allows you to

compose emails











GRAVIT

ZOHO CRM











CLOCKIFY

Text-to-speech software

REPLIKA













Click&Clean Clear Cache



Ethical Considerations and Existential Risks

- ➤ Historical Examples of Misuse
- Technology as a Double-Edged Sword
- ➤ Broader Concerns about Trust
- ➤ Implications for AI Safety



The Tech (1963)

caused the expulsion from the volved connecting the PDP-1 Institute of one member of the computer to the phone system to Class of '63 one week before his search the lines until a diat tone, indicating an outside line, was Because of the 'hacking', the found

majority of the MIT phones "trapped". They are set up

Computer virus hits, but termed a dud

MIT, or making long-distance josity

doom turned out to be a dud.

The much-hyped Michelangelo virus struck at scattered points around the world Friday but failed to live up to predictions of widespread catastrophe.

A virus expert compiled reports of about 2,000 damaged machines worldwide by late in the day. A spot check by Associated Press bureaus found few companies or other per-

The dire projections had ranged inte millions of infected PCs.

Some experts said the anticlimax could uter users less careful about the thousands of other variations of the insidious electronic invaders, which remain a real

"If there's an upside to all this it's greater awareness of the problem,"said Pam Kane, an author on viruses and owner of a company side is it's the boy who cried wolf."

nal clock to reach March 6, the birthday of the Italian Renaissance artist. Once the PC is turned on that day, the virus can destroy

The virus - a rogue bit of computer software - was discovered about a year ago in Europe. It moves from computer to computer as users exchange infected floppy disks. Its

For days, news media relayed forecasts of impending doom from Michelangelo. The stoinvader with a sexy name that could cause

. The reports often failed to mention that

many projections of potential damage were provided by companies that make anti-viral software and stood to benefit from the scare. One source was John McAfee of McAfee As-

ing Michelangelo had infected up to 5 million

Asked Friday whether he had the case, he said the low rate of actual Mi chelangelo damage was due partly to precau tions so many PC users took

McAfee said he received at least 1,000 re ports nationwide of hits by the virus Friday which he believes are a fraction of all the i

Joseph Wells, a virus specialist at McAfee compiled a list of about 2,000 PCs worldwid damaged by Michelangelo, based on report

For each of these "hits," almost 200 other computers were found to have been contam nated with the virus before the Friday dead line and cleaned, he said.

vest in anti-viral software at \$100 or more a

The Victoria Advocate (1992)

DATA CENTERS







5 mil MDD

AWS fortalecerá su infraestructura de nube en México a fin de atender la demanda de servicios en la nube en toda América Latina



Campus de Data Centers 3,600 MDD

600 empleos tiempo completo
+1,000 empleos temporales
+250 empleos de infraestructura



Querétaro

Se convierte en la primera región de nube de América Latina

Primera región de



en México

1,200 MDD

Hardware Software Servicios



CENTROS DE DATOS























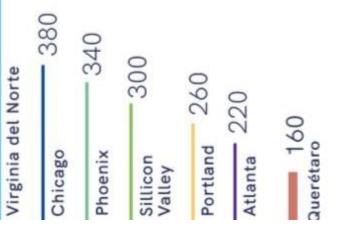










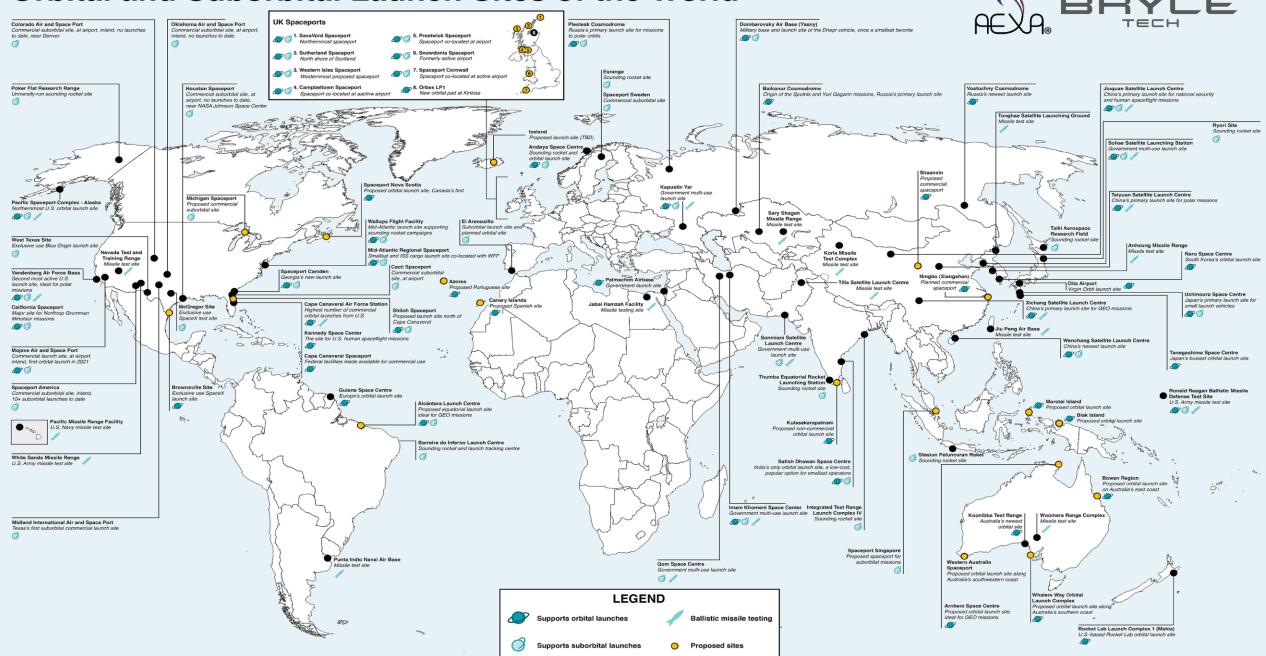




Por primera
vez un Estado
fuera de Canadá y
Estados Unidos se
posiciona como
punta de lanza en
este sector.

Fuente: "Data Center Global Comparison 2023 Cushman & Wakefield"

Orbital and Suborbital Launch Sites of the World





Economic Development

- > Job Creation
- > Attracting Investment
- > Tourism and Space Tourism
- ➤ Economic Diversification





Technological Advancements

- > Innovation Hub
- ➤ Partnership with Universities and Research Institutes





National and Commercial Space Access

- > Access to Space
- > Support for Commercial Space Industry
- Competitive Advantage





Research and Development Opportunities

- > Scientific Research
- Earth Observation and Monitoring
- > STEM Education Promotion
- Public Engagement and Outreach





Collaboration

- International Cooperation
- Commercial Launch Services
- Infrastructure Development
- Regional Growth
- Inspire Future Generations



Puerto Espacial Queretaro

- ➤ Latin America Gateway to Space
- > Igniting Innovation and Industry





Thank you!

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