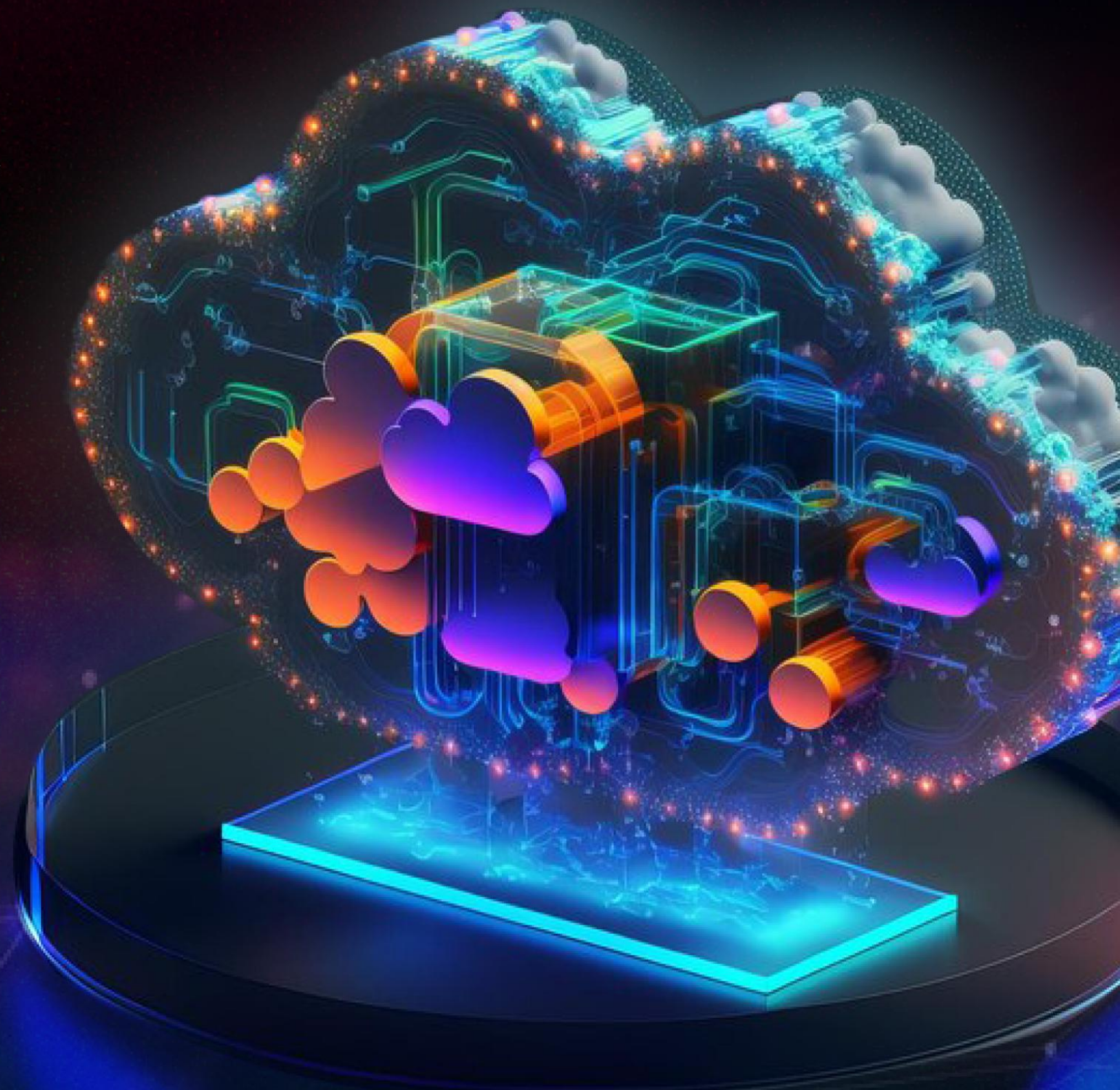


# IT INDUSTRY INSIGHTS

JULY 2023





# Investigation by UK's ICO for World-coin initiative

OpenAI CEO Sam Altman is being investigated by the UK's Information Commissioner's Office (ICO) for his role in the Worldcoin initiative.

Launched on Monday, Worldcoin bills itself as a "digital passport" that certifies users' humanity and claims 2 million users just from its test debut.





The ICO is looking into the matter because people are worried about how the project is handling people's personal information and whether or not it complies with data protection rules like the General Data Protection Regulation (GDPR) in Europe.



**Worldcoin has publicly claimed that it follows stringent privacy guidelines and complies with all applicable laws and regulations.**



<https://www.coindesk.com/policy/2023/07/25/uk-information-commission-to-make-inquiries-about-world-coin/>



# China's tech expansion threatens US

China's rapid technical expansion threatens the U.S. defense industry base, according to a recent research by data analytics firm Govini.



**The United States spent about \$200 billion on strategic technologies in fiscal year 2022, according to the research, but China remains ahead of the United States in technical development.**



<https://www.coindesk.com/policy/2023/07/25/uk-information-commission-to-make-inquiries-about-world-coin/>





**China now  
possesses more  
patents than the  
United States in  
every major area  
of technology.**



The reliance of some U.S. vital technology contractors on Chinese suppliers and investors persists. Legislators are increasingly worried about China's technical dominance, and they are stressing the importance of investing more in R&D to prevent China from undermining national security.



<https://www.defensenews.com/industry/2023/07/17/us-falling-behind-china-in-tech-advancements-govini-report-finds/>



# **UAE ambitious bid to challenge U.S. dominance in AI**

The UAE is setting itself up to challenge U.S. dominance in the tech industry, particularly in AI.

**The country has made great progress in the field of technology, and it is now considered one of the top 25 most AI-ready nations in the world.**







## **The United Arab Emirates has launched a new national AI policy with the goal of being an industry leader by 2031.**

The government is taking steps to help artificial intelligence businesses, such as easing regulations and funding educational programmes. While it will be difficult for the UAE to match the success of established digital giants like Google, the country's rapid expansion in the tech sector and emphasis on AI make it an intriguing contender in the global tech race



<https://www.khaleejtimes.com/business/silicon-valleys-reign-is-over-dubai-will-dominate-the-ai-industry>



# **A look at the function of Telecoms in E-Commerce Manifestos**

Retail e-commerce packaging has seen a rise in popularity as online purchasing has become increasingly popular.

**Digital communication and data interchange made possible by telecommunications have had a revolutionary effect on this procedure.**





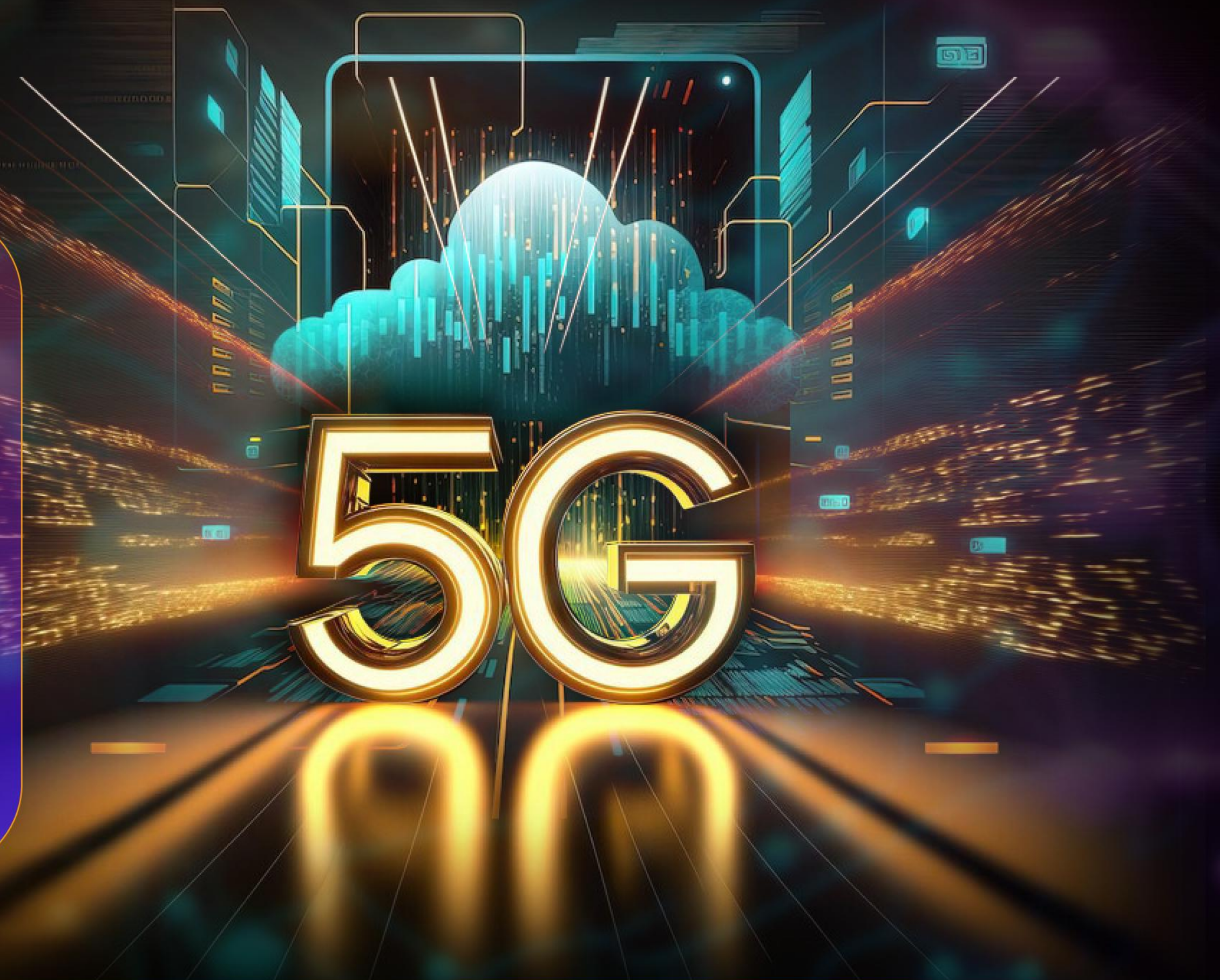
It allows stores to better manage their packaging demands, cut expenses, and please their customers by using real-time inventory management. Because of the open lines of communication between stores and package manufacturers, orders can be tailored to meet individual needs. Customers' confidence and happiness might grow as a result of increased transparency made possible by constant updates.

**The use of telecommunications also makes it easier to gather and analyze data for the purpose of finding inefficiencies and developing data-driven solutions.**

However, strong cybersecurity procedures are a must for merchants to protect customer information. With the expansion of online shopping, the role of telecommunications in product packaging will become increasingly vital.



<https://citylife.capetown/uncategorized/the-role-of-telecommunications-in-streamlining-retail-e-commerce-e-packaging/272576/>





# Navigating data quality challenges for leveraging Generative AI and LLM

LLM

LARGE  
LANGUAGE  
MODEL



Businesses that want to use generative AI and large language models (LLMs) need to tackle the issue of poor data quality head on.

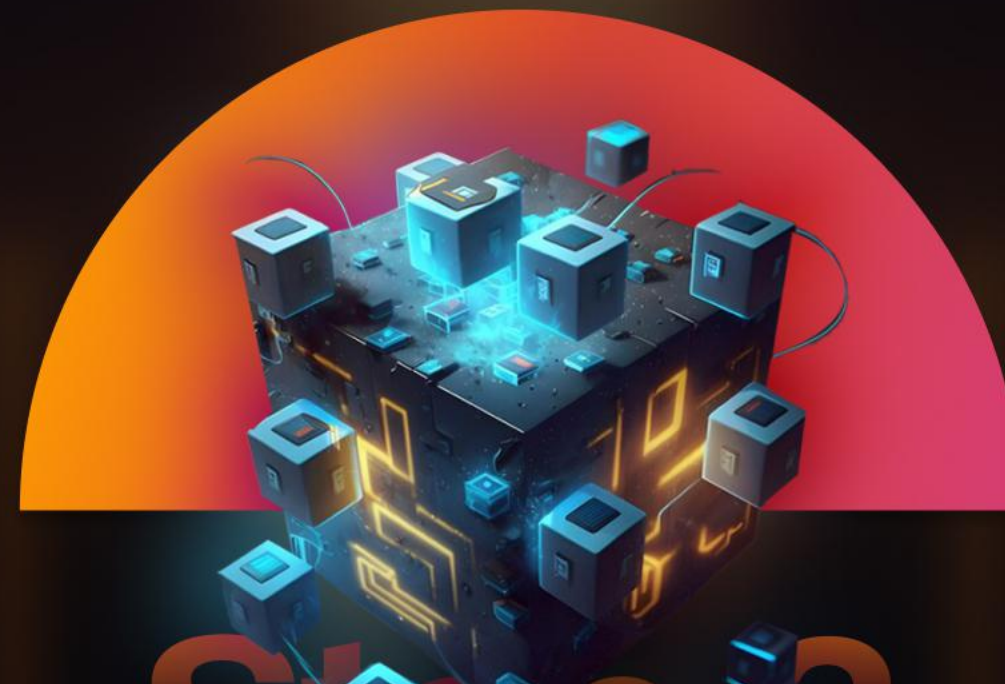


# The three-stage process of data maturity was highlighted by Alphabet executive Bruno Aziza.



## Step-1

Launch an open data repository, or "data ocean," using data sharing as its guiding philosophy.



## Step-2

The second step is to develop into a data mesh, which allows for decentralized data innovation while still following centralized policies.



## Step-3

Third, create LLM-powered data-rich applications with intelligence.



<https://venturebeat.com/ai/from-data-chaos-to-data-products-how-enterprises-can-unlock-the-power-of-generative-ai/>

Aziza cautioned that inaccurate and illegal use of generative AI could result from sloppy data practices. Technical issues, such as vector databases and the use of SQL, were discussed at length throughout the roundtable, and the importance of data integrity as a foundation for effective generative AI applications was emphasized.



# Summin' It Up

- The UK's ICO is looking into OpenAI's CEO Sam Altman and the organization's management of personal data in relation to the Worldcoin initiative.
- China's rapid technological development poses a threat to the U.S. defense industrial base because of the country's patent leadership and technical superiority worries.
- UAE plans to challenge U.S. dominance in technology by investing heavily in artificial intelligence and other key sectors.
- Communications technology has completely changed the face of e-commerce packaging by allowing for constant stock monitoring and individualized orders. To successfully deploy generative AI and the data maturity stages, businesses must first address poor data quality







# Thankyou!

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