Deloitte.
Insights

Tech
Trends
2025

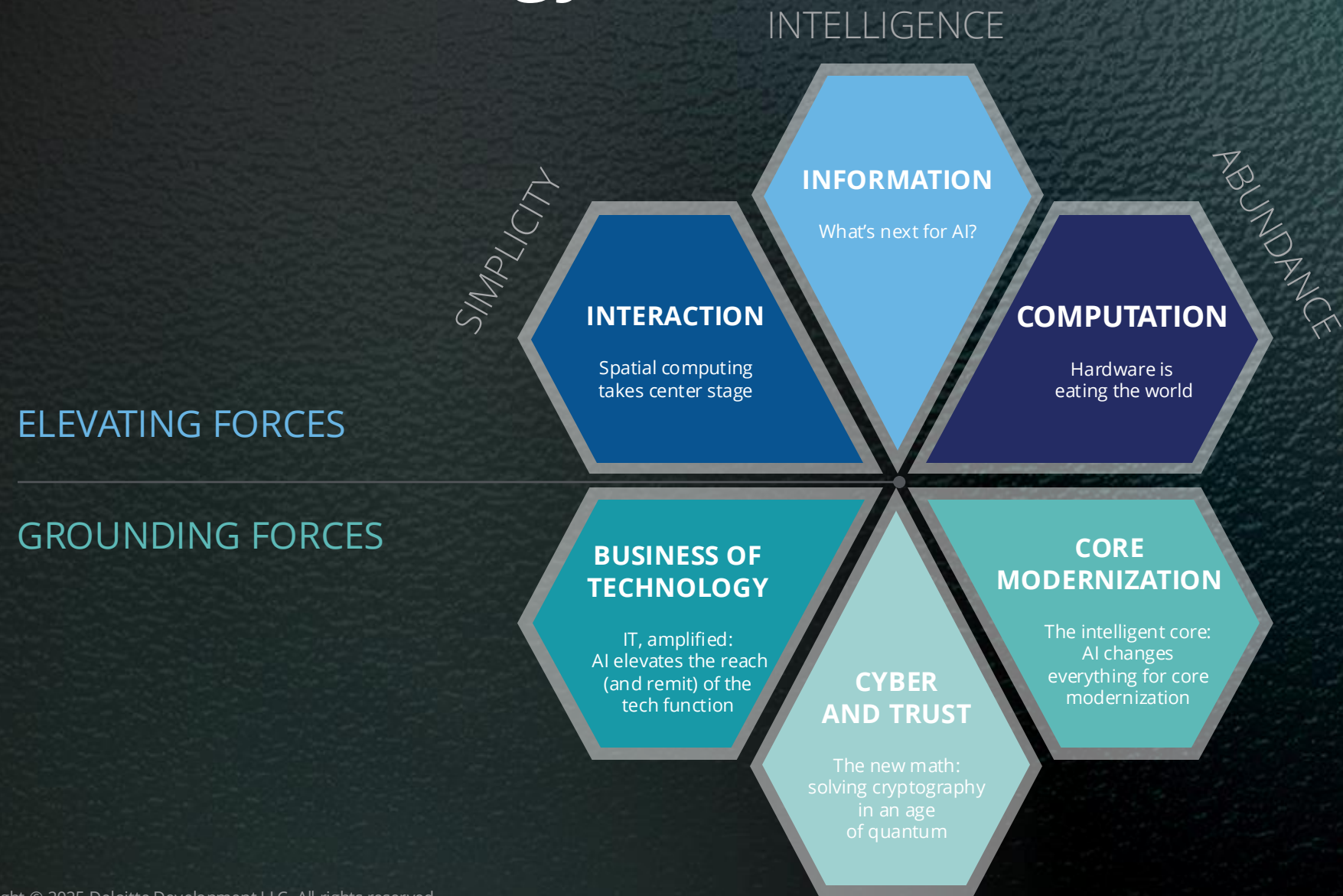# Deloitte's 16th annual Tech Trends report

Tech Trends chronicles what's now, what's new, and what's next in enterprise technology, shining a light on novel innovations which figure to graduate to normal ways of working for the rest of us in the next 18-24 months.

Our trends are informed by:

Interviews with pioneering organizations at the forefront of technology, shared as vignettes in our Trend Lines collection

Feedback from client executives on current and future priorities

Perspectives and insights from academic and industry luminaries

Road maps and investment priorities from leading startups, venture capitalists, and technology vendors

All *Tech Trends* reports are available for free download on www.deloitte.com/us/TechTrends

Macro Technology Forces

INTELLIGENCE

SIMPLICITY

ABUNDANCE

ELEVATING FORCES

GROUNDING FORCES

INFORMATION

What's next for AI?

INTERACTION

Spatial computing takes center stage

COMPUTATION

Hardware is eating the world

BUSINESS OF TECHNOLOGY

IT, amplified: AI elevates the reach (and remit) of the tech function

CYBER AND TRUST

The new math: solving cryptography in an age of quantum

CORE MODERNIZATION

The intelligent core: AI changes everything for core modernization

INTERACTION

Spatial computing takes center stage

Exciting new use cases can reshape industries

What is the future of spatial computing? With real-time simulations as just the start, new, exciting use cases can reshape industries ranging from health care to entertainment.

INTERACTION

Spatial computing takes center stage

NOW
Filled to the rim with sims

NEW
Data is the differentiator

NEXT
AI is the new UI

SPORTS AND ENTERTAINMENT
BENFICA

This Portuguese soccer club uses computer vision and advanced simulations to track player motion and craft in-game strategies.

MEDIA AND ENTERTAINMENT
PARAMOUNT

Paramount piloted using VR experiences to aid in the new-employee onboarding process, giving new hires and immersive experience that trains them on company values.

INFORMATION

What's next for AI?

Enterprises move beyond a
one-size-fits-all approach

While LLMs continue to advance, a new slate of
models and agents are proving to be more effective at
discrete tasks—AI needs different horses for different
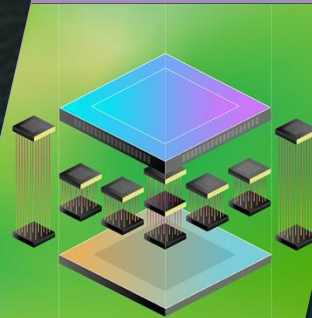courses in the coming years.

INFORMATION

What's next for AI?

NOW Getting the fundamentals right: data, data, & data

NEW Different horses for different courses

NEXT There's an agent for that

Trend Lines

INDUSTRY
Eastman

Eastman used its data and analytics experience to get started with generative AI, rather than trying to add AI to all its operations areas at once, the specialty materials company is looking for areas where its technical experience can enable deeper functionality.
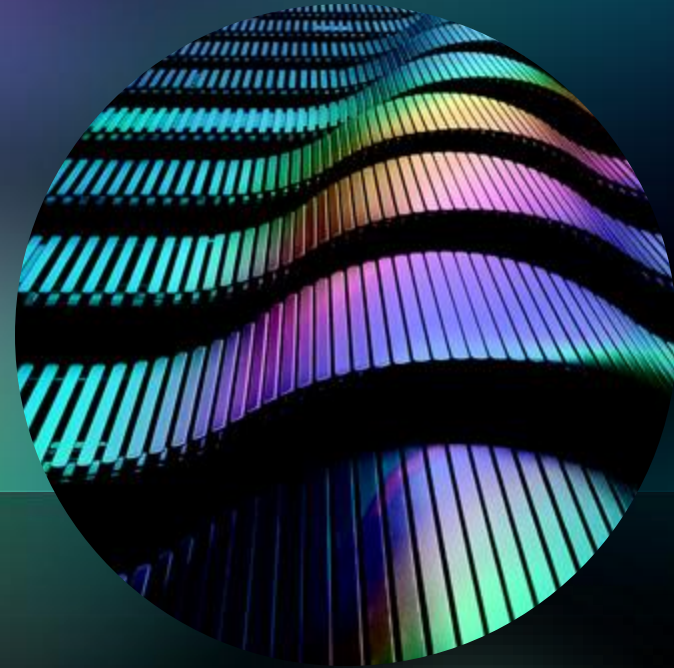
TECHNOLOGY
Databricks

Naveen Rao, VP of AI, believes more organizations will take a compound approach with AI: "In the same way we organize humans in the workplace, we should break apart our problems. SLMs can then address specific modalities of data, while other applications run calculations, and this compound AI system delivers the solution better than any one component could do alone."

COMPUTATION

Hardware is eating the world

The promise of AI depends on more than software

The AI revolution will demand heavy energy and hardware resources—making enterprise infrastructure a strategic differentiator once again.

COMPUTATION

Hardware is eating the world

NOW
Chips ahoy!

NEW
Infrastructure is strategic, again

NEXT
We were promised robots
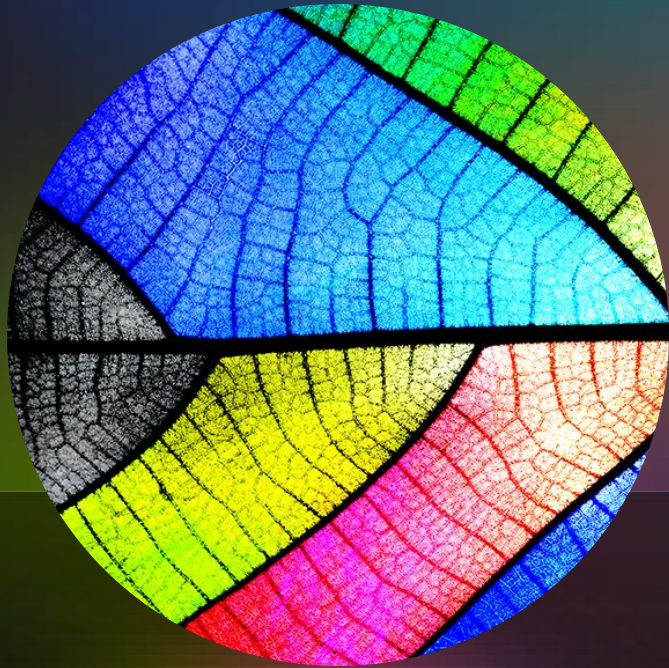
Trend Lines

TECHNOLOGY
HP Inc.

HP has developed methods to share underutilized GPU resources across its enterprise, enabling on-demand computing acceleration. Alex Thatcher, senior director of AI PC experiences, predicts that the transition to AI-enabled devices will be as significant as the shift from command line inputs to graphical user interfaces in the 1990s.

MANUFACTURING
Mytra

San Francisco-based startup is developing fully modular storage systems that can be manipulated by robots and optimized through software. Chris Walti, CEO, believes this modular approach unlocks automation for any number of unpredictable future applications: "It's one of the first general-purpose computers for moving matter around in 3D space."

BUSINESS OF TECHNOLOGY

IT, amplified

AI elevates the reach (and remit) of the tech function

As the tech function shifts from leading digital transformation to leading AI transformation, forward-thinking leaders are using this as an opportunity to redefine the future of IT.

BUSINESS OF TECHNOLOGY

IT, amplified

NOW   Spotlight (and higher spending) on IT

NEW   An AI boost for IT

NEXT   IT itself as a service

TECHNOLOGY
Google

Google is rolling out code assist tools to developers, ensuring human oversight for data privacy, compliance, and security. This approach allows closer alignment to business needs and impacts.
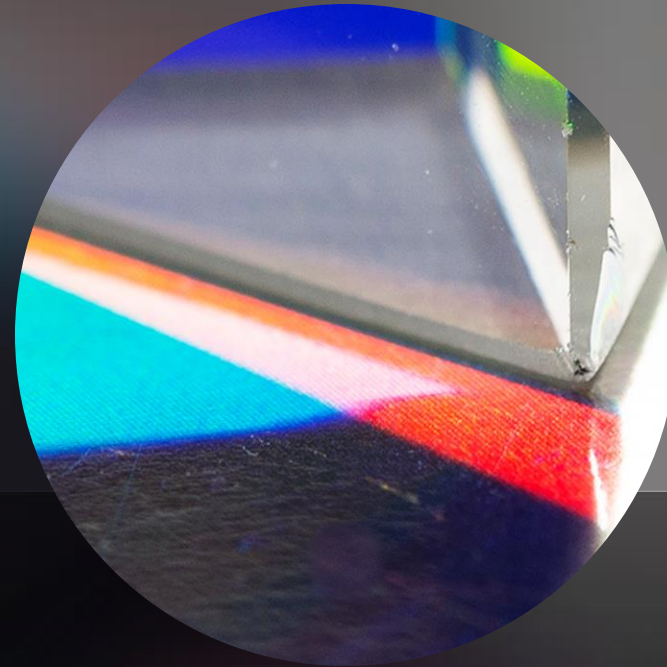
TECHNOLOGY
SWEAR

This security company has pioneered a way to verify digital media through blockchain, addressing the increased attack surfaces introduced by AI, such as phishing and deepfakes.

CYBER AND TRUST

The new math

Solving cryptography in an age of quantum

Quantum computers are likely to pose a severe threat to today's encryption practices. Updating encryption has never been more urgent.

CYBER AND TRUST

The new math

NOW Cryptography everywhere

NEW Upgrading to a quantum-safe future

NEXT Leverage post-quantum cryptography to prepare for future threats

BANKING
JP Morgan

Developed a comprehensive cryptographic inventory to identify areas that need to be modernized to address the threat from quantum computers.

GOVERNMENT
NIST

This government agency developed a set of new cryptographic standards that will be exceptionally difficult for quantum computers to break and is supporting industry in making the transition.

THANK YOU

Explore and download
Deloitte's Tech Trends
2025 report on
Deloitte Insights

Deloitte.