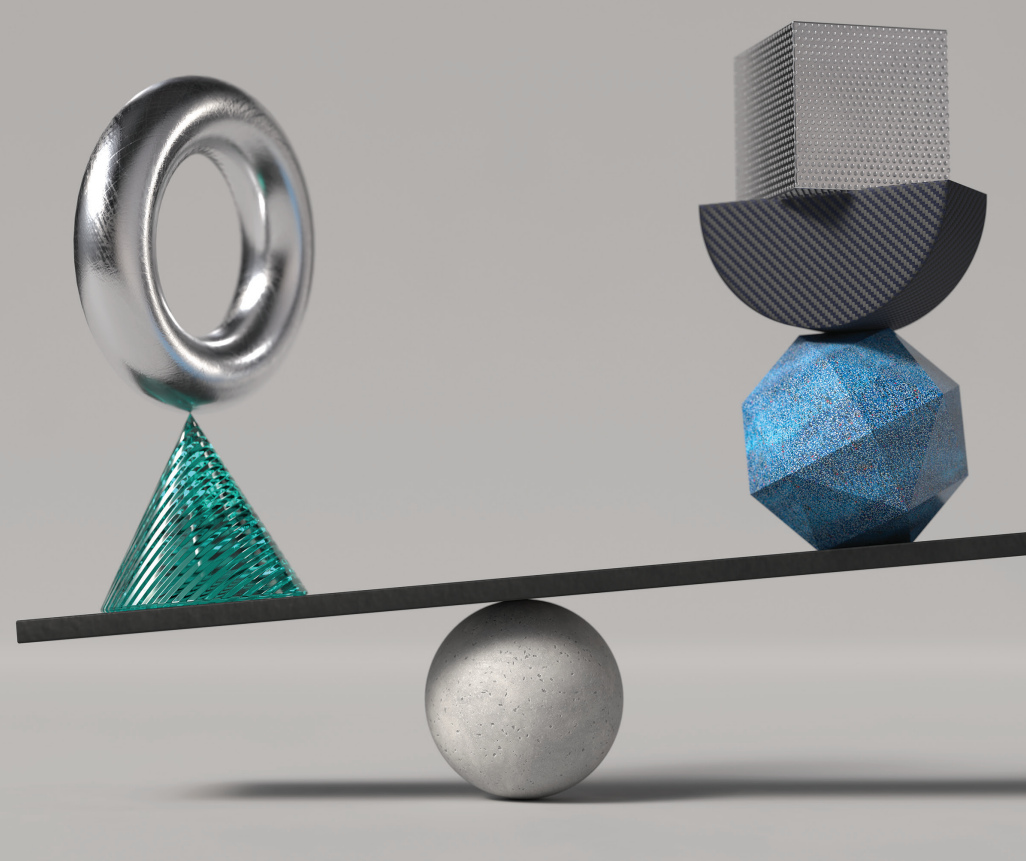
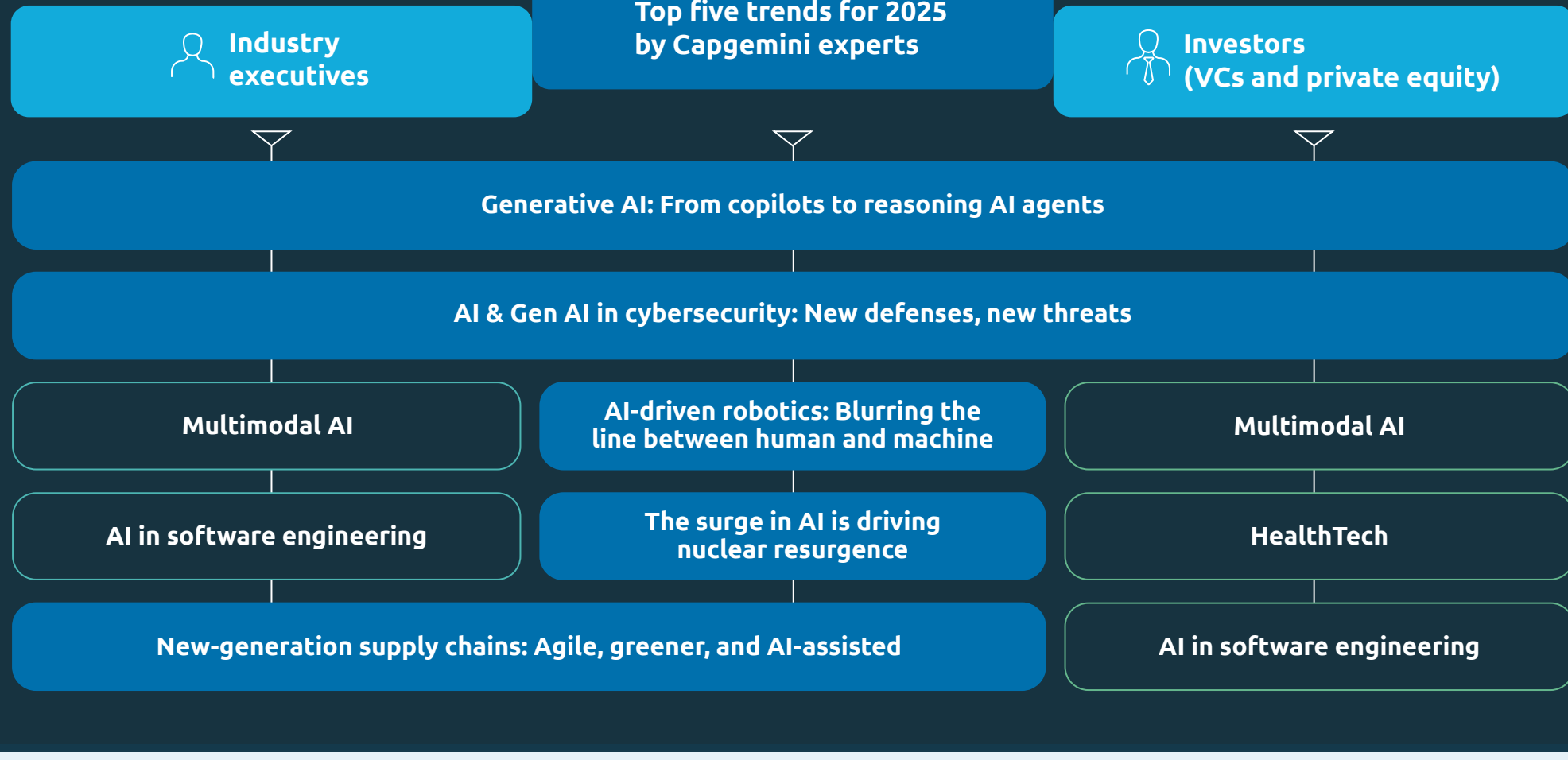


AI is powering all the top tech trends of 2025

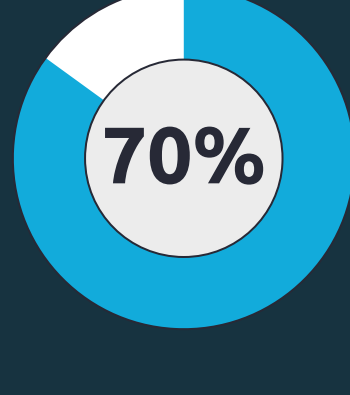
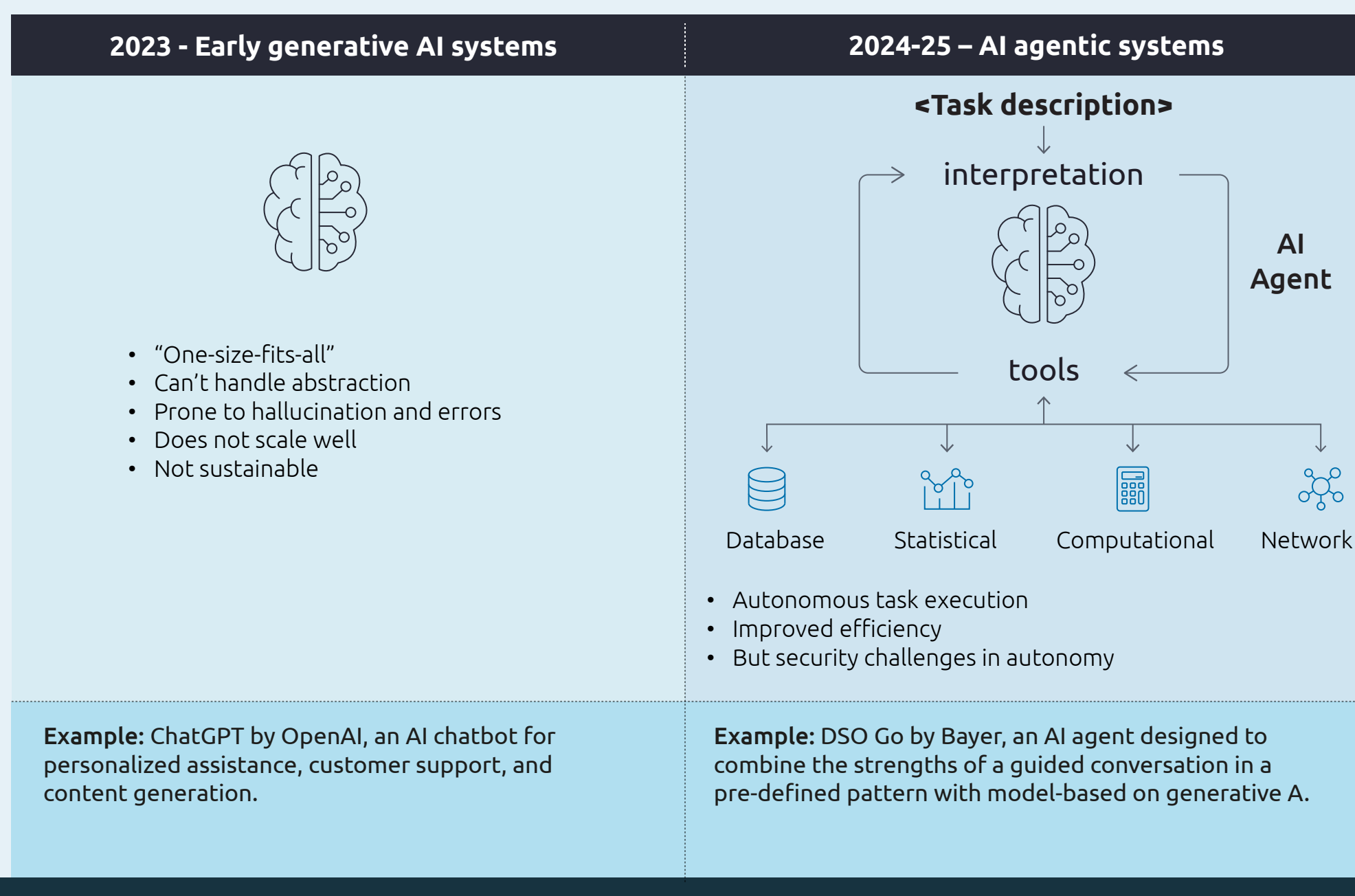


In 2025, AI is the biggest current tech influencer

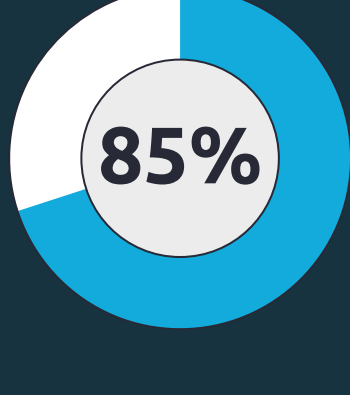


Generative AI: From copilots to reasoning AI agents

At Cappgemini, we believe the use of AI agents – autonomous AI systems capable of independently handling end-to-end tasks and collaborating as multi-agent systems – will be one of the biggest tech trends for 2025.



of executives and

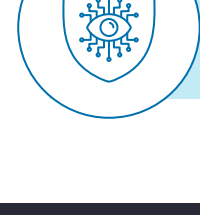


of investors (VCs) that follow the AI and data tech domain pick

AI agents as a top three impactful trend for 2025.

AI & Gen AI in cybersecurity: New defenses, new threats

While Gen AI offers transformative potential to enhance security measures, malicious actors have quickly recognized its capacity for evil, employing it for sophisticated attacks that target both human vulnerabilities and machine defenses



Industry executives ranked AI & Gen AI in cybersecurity as the top tech trend of 2025 and investors ranked it third overall

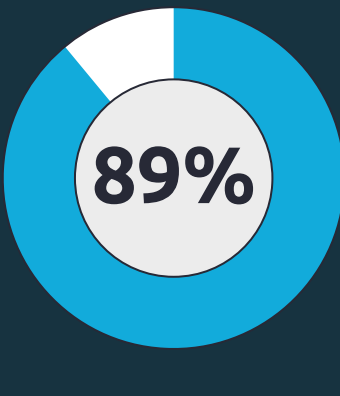
Governments across the world are responding to threats with stricter laws:

In August 2024, the Singapore government launched Operational Technology (OT) Cybersecurity Masterplan to enhance the security and resilience industrial control systems and its technologies.

In 2024, the EU promulgated its Cyber Resilience Act (CRA), requiring manufacturers to embed enhanced cybersecurity measures across a broad range of everyday hardware and software products.

AI-driven robotics: Blurring the line between human and machine

LLMs are transforming robotic capabilities and have accelerated the development of next-gen robotic capabilities and have accelerated the development of next-gen robotic capabilities, enhancing operational efficiency, personalizing customer experiences, and improving decision-making across industries.



of investors ranked **AI-powered robotics** among the top three trends of 2025 in the industry and engineering domain.

Microsoft inaugurated its first AI and robotics R&D center in Tokyo, Japan.

NVIDIA is planning to launch its AI-powered humanoid robot Jetson Thor in the first half of 2025.

OpenAI-backed 1X Technologies introduced the NEO Beta AI humanoid robot for household chores.

The surge in AI is driving nuclear resurgence

The energy sector is transforming at an unprecedented pace, driven by mounting pressure to respond to the climate crisis and supported by innovation across sectors, from renewables and biofuels to low-carbon hydrogen and beyond. Nuclear energy stands out as a focal point for 2025

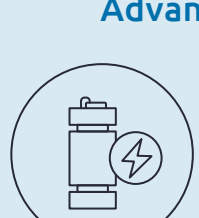
SMRs and AMRs will lead the way for new nuclear as they are poised for rapid industrialization

Small Modular Reactors (SMR's)



Offer safer, scalable, and cost-effective alternatives to traditional reactors, using an established fuel supply chain without needing ultra-heavy forging capacity.

Advanced modular reactors (AMR's)



Also known as Generation IV reactors, use innovative fuels, coolants, and technology to generate low-carbon electricity, and are intrinsically safe, compact, and portable.

Key activities in this space:

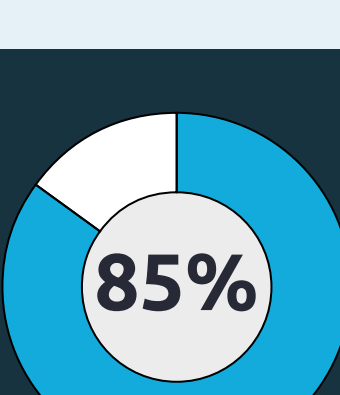
Google announced plans to purchase electricity generated using SMRs.

Meta has announced a planned RFI for 1-4 GW of new nuclear.

Amazon has signed agreements to support the development of nuclear energy projects

New-generation supply chain: Agile, greener, and AI-assisted

By harnessing cutting-edge technologies such as digital twin and AI-powered algorithms in their supply chains, businesses can simulate various scenarios to optimize operations for agility and resilience. Sustainable supply chains and product passports enable transparency and accountability in sourcing and production



of CTOs, heads of innovation/CIOs, and heads of R&D, engineering, and product agree that 'new-generation supply chain' is among the top three technology trends for 2025.

General Motors (GM) integrates sustainability into its supply chain through the BrightDrop platform for EV logistics, sustainable sourcing practices, and advancements in EV technologies.

Pfizer uses AI to optimize its supply chain, enhance drug development, clinical trials, and vaccine distribution

By 2030, several groundbreaking trends are poised to revolutionize our lives.

Programmable new materials	Quantum computing	Genome therapy	Artificial general intelligence	Hyperconnectivity
New materials engineered to change their properties, such as shape or color, at molecular assembly level in response to external stimuli or programming	Quantum computing uses the unique properties of tiny particles to solve problems much faster than classical computers can, helping with tasks such as encryption, optimization, and simulations	This involves modifying an individual's genetic material to treat or prevent disease, potentially offering cures for genetic disorders and personalized medicine tailored to an individual	AGI can understand, learn, and apply knowledge across a wide range of tasks at a human level, enabling and allowing machines to potentially perform many intellectual tasks that a human could do	Offers seamless combination of terrestrial and non-terrestrial networks to facilitate communication and collaboration on a global scale, enhancing connectivity and integration across platforms and devices

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