

Chart of the Day



In a comprehensive new annual report, McKinsey released their top 15 technology trends for 2024. Generative AI has been a “standout” trend for the last three years, with a large uptick in interest and investment in this industry.

Top 15 Technology Trends in 2024

McKinsey
& Company
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-  **1. Generative AI** algorithms that take unstructured data as input to create new content to automate and accelerate work
-  **2. Applied AI** using machine learning models to automate processes and enhance productivity
-  **3. Industrializing machine learning** by utilizing software and hardware solutions to accelerate the development of machine learning solutions
-  **4. Next-generation software development** tools and technology that improve code development and deployment to improve application processes
-  **5. Digital trust and cybersecurity** technologies allow businesses to build, scale and maintain stakeholder trust
-  **6. Advanced connectivity** through telecommunications technologies such as: wireless low-power networks, 5G and 6G cellular, Wi-Fi 6 and 7 and low-Earth-orbit satellites
-  **7. Immersive-reality technologies** enable real-time interactions in three-dimensional virtual worlds (virtual reality, mixed reality, augmented reality)
-  **8. Cloud and edge computing** to optimize for latency, reduce costs, adhere to data regulations and security across locations
-  **9. Quantum technologies** utilizing quantum mechanics to execute complex calculations exponentially faster, secure communications networks and create sensors with higher sensitivity levels
-  **10. Future of robotics** to build robots that adapt to new, real-life inputs with autonomy and dexterity
-  **11. Future of mobility** utilizing mobility technologies to improve efficiency and sustainability of land and air transportation
-  **12. Future of bioengineering** to improve health and human performance, transform food value chains and create innovative offerings
-  **13. Future of space technologies** including satellites, launchers and habitation technologies that enable innovative space operations and services
-  **14. Electrification and renewables** technologies across the entire energy production, storage and distribution value chain
-  **15. Climate technologies** (beyond electrification and renewables) that mitigate the negative effects of resource consumption on the climate

Source: McKinsey, “Technology Trends Outlook 2024.” July 2024.

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“Macro stability isn’t everything, but without it, you have nothing.”