

Junkshon Insights

KEY CLOUD TRENDS

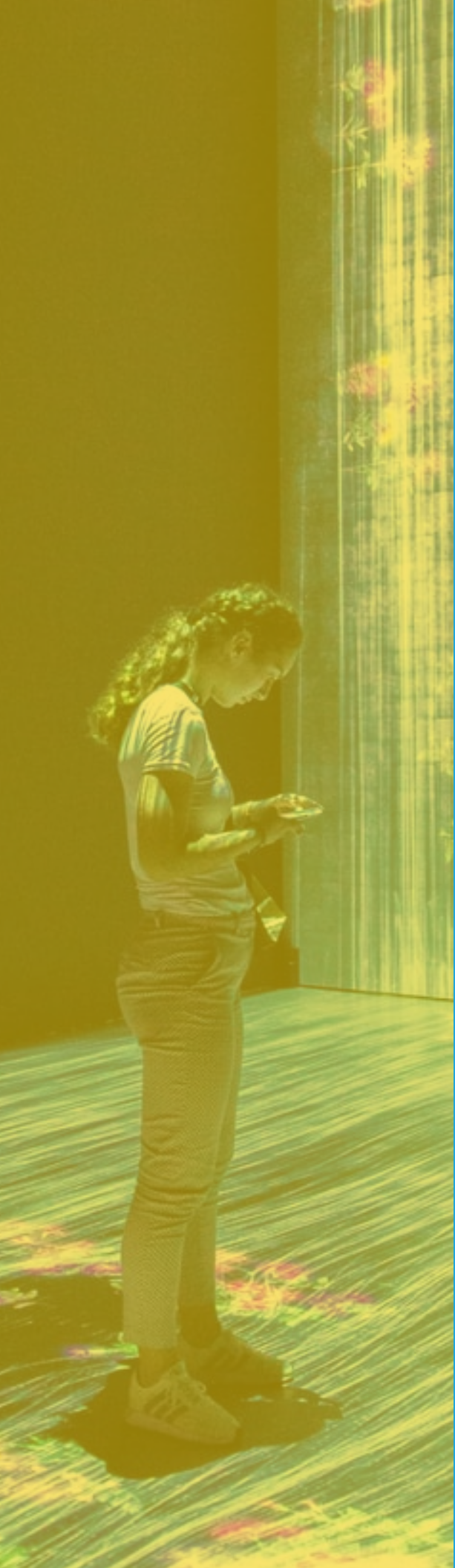
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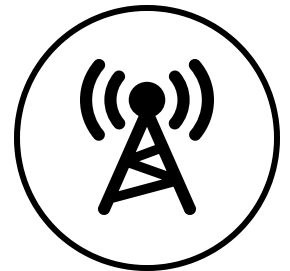


Executive Summary

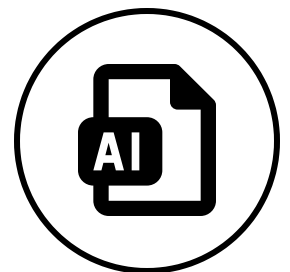
We see a dramatic surge in demand for hybrid cloud services, combining the best of both private and public clouds. This model addresses a multitude of customers' needs, including scalability, enhanced security, and compliance. The forecasted growth of the hybrid cloud market is set to reach USD 128.01 billion by 2025.



Edge computing is a transformative trend in the cloud computing sector. With the potential to revolutionise data processing by bringing it closer to the source, edge computing significantly reduces latency and allows real-time analytics. As per the market projections, the edge computing market is anticipated to grow to USD 22.8 billion by 2025, further emphasising its potential and importance.



AI and machine learning in cloud services as a pivotal step forward. These technologies are instrumental in improving service delivery, enabling process automation, and gleaning business insights. Global market trends, with the AI cloud services sector, are projected to expand to USD 34.3 billion by 2025.

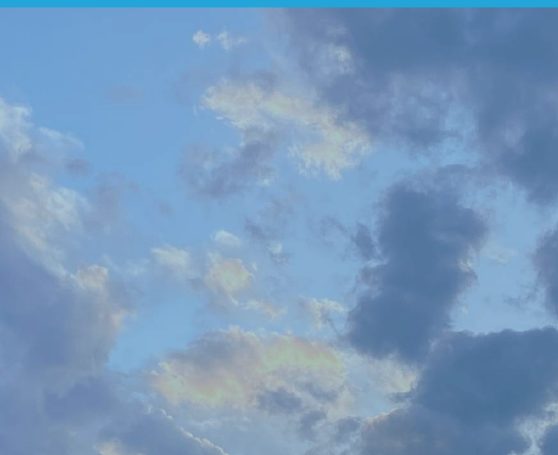


1 Increased Demand for Hybrid Cloud Services

Hybrid cloud computing has emerged as a key trend in the sector. Enterprises are finding value in a hybrid model, which combines private (either on-premise or co-lo) and public cloud services, providing the benefits of both worlds.

Hybrid cloud is no longer an expensive project to deliver, the advancements in Control Plane technology that have historically been problematic and costly to implement are no longer a barrier to making a hybrid cloud solution reality.

Many of the historical hardware vendors that have focused on closed environments are now embedding software to manage across private and public cloud solutions. In addition Public Cloud providers are embracing using their existing control systems to extend back into existing on-premise solutions. We see these trends as only positive for customers to leverage the best of both worlds.





2 Edge Computing Driving Cloud Innovation

Edge computing is shaping the future of cloud computing by enabling data processing closer to the source. This reduces latency, improves speed, and allows for real-time analytics. This innovation mainly benefits healthcare, manufacturing, and telecommunications industries, where real-time data processing is vital.

The edge also offers possibilities to use alternative cloud delivery models, such as sovereign clouds and industry-specific clouds that are built for specific use cases.

There can also be Environmental, social, and corporate governance (ESG) benefits by using edge computing services delivered via a more localised delivery model that uses greener energy solutions.

3 Integration of AI and Machine Learning

Incorporating AI into cloud services has the potential to dramatically enhance our capabilities and fundamentally transform the way we work. AI integration allows for more sophisticated data analysis, real-time insights, and predictive modelling. It improves the effectiveness of services by automating routine tasks, enhancing cybersecurity, and facilitating decision-making processes. As consumers of cloud services, using AI-powered platforms can streamline operations, reducing manual workload and human error.

For example, consider the use of AI in data management and analytics. When integrated with cloud services, AI can intelligently automate data classification, detect patterns, and provide real-time analytics. This level of automation and insight can be invaluable for driving business strategies, making data-driven decisions, and spotting trends before they become apparent.



Sources

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