



Top Reasons to Choose Dell PowerScale and AMD for Data Analytics, HPC & AI

After people, data is your most important corporate asset. The value is knowing what to do with your data. As data analytics, high performance computing (HPC) and artificial intelligence (AI) converge and evolve, Dell Technologies continues to develop innovative solutions and share best practices to enable you to accelerate discovery and innovation. The Unstructured Data Solutions teams at Dell maintains local industry partnerships and through these partnerships and collaborations provide a network of resources based on deep technology expertise and experience in the community.

1 | Deep Technology Expertise

Technology is evolving quickly, so your team may not have the resources to design, deploy and manage solution stacks optimized for artificial intelligence (AI), machine learning (ML) and deep learning (DL). While AI might seem like the latest IT trend, Dell has been a leader in the advanced computing space for over a decade, with proven products, solutions and expertise. Dell has a team of analytics, HPC & AI experts dedicated to staying on the cutting edge, testing new technologies and tuning solutions to your applications to help you keep pace with this constantly evolving landscape.

2 | Validated Architecture for analytics, HPC & AI

Dell is at the forefront of analytics, HPC & AI, providing the solutions that make tomorrow possible, today. Dell has invested to create a portfolio of Validated Designs for analytics, HPC & AI which simplify the IT infrastructure to provide faster, deeper insights. You can rely on the Dell team of experts as AI, ML and DL evolve.

3 | Dell PowerScale scale-out file storage

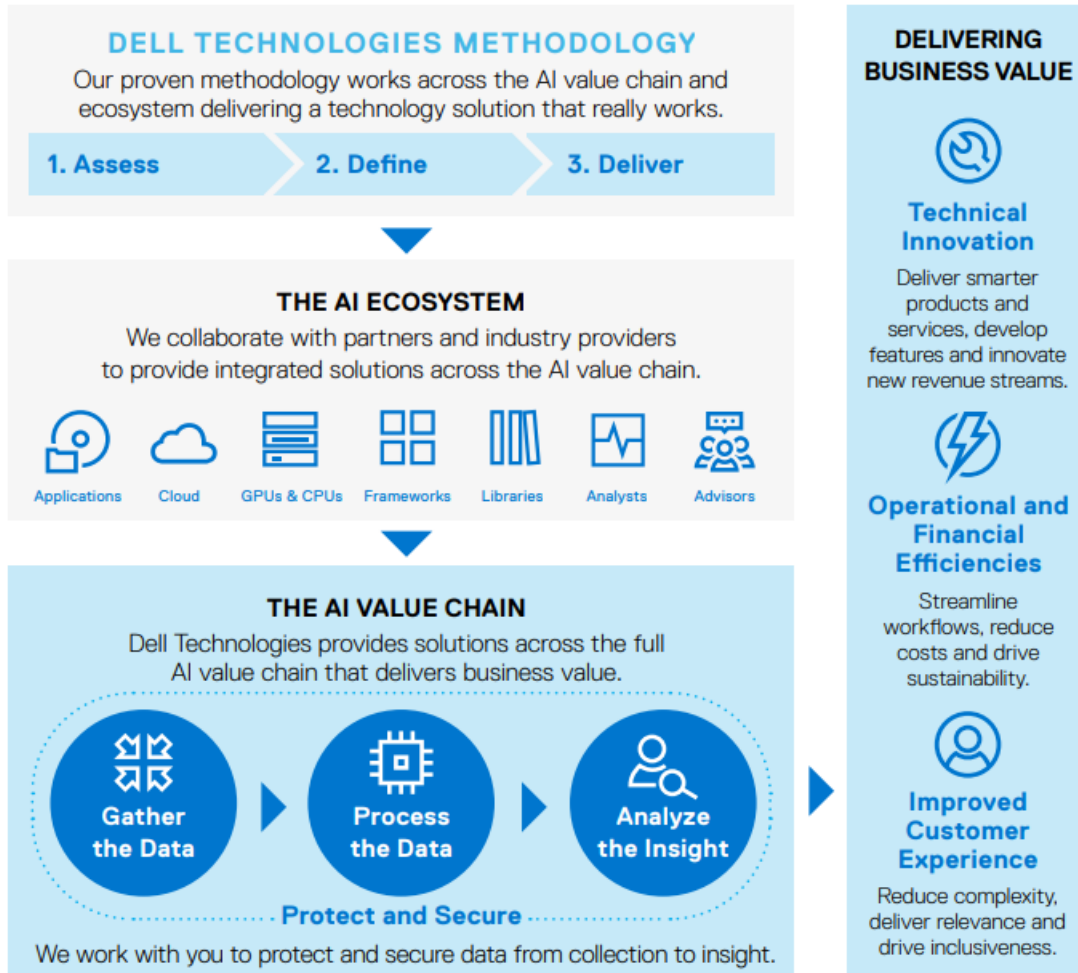
Analytics, HPC & AI environments require large, scalable, reliable and efficient storage. With support for multiple workloads and enterprise-grade data and file management capabilities out of the box, Dell PowerScale is the leading storage for analytics, HPC & AI workloads. You can take advantage of the scalability and high storage capacity of PowerScale to reduce the acquisition and ownership costs of managing and monetizing data using advanced or predictive analytics and ML.

4 | Better together: AMD Instinct MI100 and Dell PowerScale

Dell Technologies and AMD are working to help solve the world's toughest challenges with high-performance and adaptive computing. Together, Dell and AMD offer a solution that can enable you to deliver faster insights that drive the development of advanced DL software frameworks. We set superior standards for performance, security and energy-efficiency for your most demanding workloads, so you can make quicker work of even the largest data sets.

5 | The AI value chain

Wherever you are on your AI journey, Dell delivers AI solutions that can fulfill your business needs. Our solutions cover the complete AI value chain from data ingestion, preparation, training and processing, to deployment, predicting and monitoring. Successful AI deployment is based on collaborating and integrating with a wider ecosystem. Working closely with our partner ecosystem and other industry providers, we deliver end-to-end- integrated solutions spanning infrastructure, applications, security and protection. Our solutions are based on open-source architecture, offering access to a wide range of common tools, frameworks and libraries.



Learn more about storage solutions for AI and ML



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