

Top considerations for AI Decision Makers

AI decision-makers face multiple data challenges



The amount of data used for AI/ML processing continues to grow at a rapid rate

AI/ML workload data is collected and generated in multiple venues, increasing the need for data mobility

Performance enhancements are required in multiple dimensions

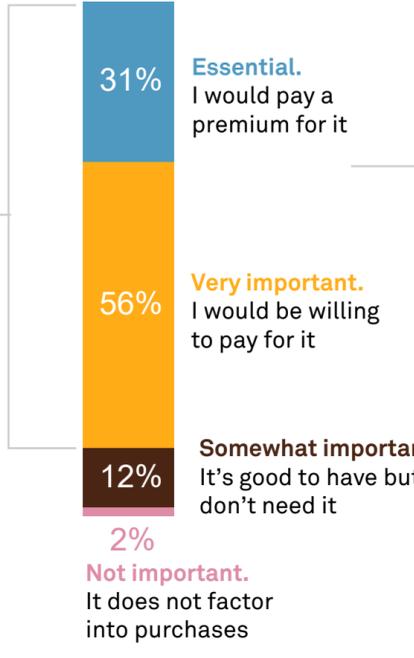
A unified view of data is essential

A unified data view allows organizations to see where data is distributed and where it needs to go for processing and long-term retention

How important is it to have a unified view of your entire data for your AI/ML initiatives?

Base: All respondents (n=687)

87% of respondents are willing to pay to have a unified view of data for AI/ML initiatives



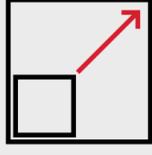
31% would pay a premium for a unified view

37% of digital transformation leaders would pay a premium for it

Data volume increase is a top concern



74% of digital transformation leaders are expecting an increase in the amount of data they use to train AI/ML models and the data used to make predictions. Only half (51%) of digital transformation laggards are expecting increases.



Rapid data growth will only accelerate, increasing the need for storage scalability and proactive management capabilities to keep workloads in check.

Data related to AI/ML workloads is collected/generated in multiple venues



82% of digital transformation leaders have AI/ML workload data in multiple venues



Only 26% of digital transformation laggards have data in a single venue



AI decision-makers need to be able to manage data across multiple venues including core, edge and cloud environments.



Active data sets must be quickly and transparently moved to the appropriate execution venue for rapid processing.

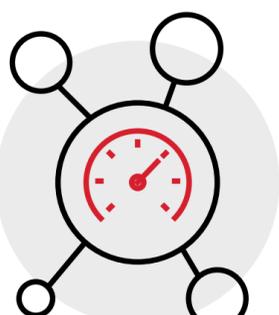
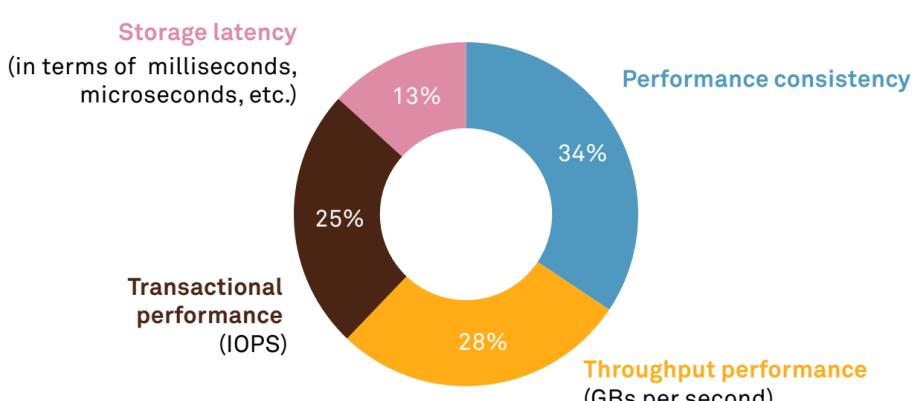


As data becomes inactive, archiving to lower-cost storage can reduce costs for AI decision-makers.

Performance improvements are required in multiple areas

Which performance aspect of storage would your organization want to improve the most?

Base: All respondents (n=407)



Storage systems must provide performance across multiple dimensions to meet the needs of complex workloads such as AI/ML

Sources: 451 Research's Voice of the Enterprise: AI & Machine Learning, Infrastructure 2021; Storage, Transformation 2020



Learn steps to simplify your AI deployment and drive faster innovation with DDN's [2021 AI Success Guide](#).