DDN Storage Accelerating AI Enabled Financial Trading



The AI Data Company



Financial Services Industry Adopting GPUs & AI

Deutsche Bank Partners with NVIDIA to embed AI into Financial Services

Use Cases: Intelligent avatars & speech AI to enhance customer service, fraud detection, large language models called Financial Transformers to early warning signs on the counterparty of a financial transaction JP Morgan Chase & Co., uses thousands of NVIDIA GPUs for Monte Carlo simulations

Use Cases: Al-Aided Cashflow Models for customers. accelerate data internal science workflows, fraud detection, marketing and risk controls, real-time pricing and overnight risk estimation of tens of thousands of exotics and structured derivatives.

Blackrock: Has developed technology to use AI to compute the optimal age to claim Social Security benefits, for construction of tax aware investment portfolios. (https://www.blackrock.com/corporate/ai)

American Express: Improved fraud detection accuracy by 6% with deep learning models and used NVIDIA TensorRT on NVIDIA Triton Inference Server (https://www.nvidia.com/en-us/use-cases/ai-for-frauddetection/)

PayPal: Implemented a new fraud detection system using NVIDIA GPU-powered inference to improve realtime fraud detection by 10% while lowering server capacity by nearly 8x. (https://www.nvidia.com/enus/use-cases/ai-for-fraud-detection/)

Swedbank: Trained NVIDIA GPU-driven generative adversarial networks (GANs) to detect suspicious activities for fraud and money laundering prevention. (https://developer.nvidia.com/blog/detecting-financial-fraud-using-gans-at-swedbank-with-hopsworks-and-gpus/)

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https://www.db.com/news/detail/20221207-deutsche-bank-partners-with-nvidia-to-embed-ai-into-financial-services https://www.bloomberg.com/news/articles/2024-03-04/jpmorgan-s-ai-aided-cashflow-model-can-cut-manual-work-by-90 https://www.nvidia.com/en-us/on-demand/session/gtc24-s61856



DDN is Proven for AI and HPC Data Centers and Cloud

"I have a very simple statement for you; NVIDIA uses DDN."

"The real differentiator is DDN. I never hesitate to recommend DDN."





Oddn

World Leading Provider of AI Storage for Data Centers and Clouds at Scale





Now helping customers to design storage solutions for NVIDIA Grace-Blackwell (GB200) SuperPODs





DDN Delivers the World's Most Performing Storage At Any Scale



Best IOPS & Throughput per rack

Up to 70M IOPs in a single rack 1.8 TB/s of read throughput 1.4 TB/s of write throughput 16PB of Flash

Best Price per Flash TB

Up to 14M IOPs in a single rack 360 GB/s of read throughput 240 GB/s or write throughput Up to 26PB of Flash

Best Price per TB

20PB per Rack 90 GB/s of read throughput 65 GB/s of write throughput

Not STAC Benchmarks



Enabling LLMs By Accelerating AI Training



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DDN Can Dramatically Increase AI Productivity

With 3x Faster Data Loads and 15x Faster Checkpoints



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ddn + (jumptrading)

If you are looking for storage today for AI or HPC, DDN has a really strong product with this QLC system. We have found it really effective in production. Support team is good the engineering is fantastic and we highly recommend them.

~ Alex Davies CTO, Jump Trading

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