

Google Cloud Enables Hudson River Trading's Automated Trading Evolution with High-Performance Compute and AI Infrastructure

SUNNYVALE, Calif. and NEW YORK– July 18, 2024– Google Cloud today announced a strategic collaboration with Hudson River Trading (HRT), a leading quantitative trading firm, to accelerate the development of HRT's automated trading models. Google Cloud is providing HRT with access to its high-performance computing infrastructure, including powerful AI chips such as NVIDIA GPUs, to run complex research workloads and trading simulations at scale.

HRT relies on sophisticated algorithms and models to analyze vast amounts of financial data and execute trades with speed and precision. By leveraging Google Cloud's scalable infrastructure, HRT's quant researchers will no longer be limited to on-premise assets and can now test new strategies in a shorter amount of time in a cost-effective manner, allowing them to better react to the market.

"HRT's collaboration with Google Cloud's scalable and reliable infrastructure is a perfect fit for our compute-intensive workloads," said Gerard Bernabeu Altayo, compute lead, Hudson River Trading. "Google Cloud provides an efficient, flexible platform to rapidly iterate on ideas, with tooling and vast resources to enable a fast path from inception to scale-out production."

Google Cloud's Dynamic Workload Scheduler product and Spot Virtual Machines are also playing a crucial role in optimizing HRT's compute resources by enhancing access to GPUs. The Dynamic Workload Scheduler intelligently allocates AI chips based on real-time demand, ensuring efficient utilization of compute capacity. Spot Preemptible allows HRT to take advantage of unused Google Cloud capacity at a significantly lower cost.

"Google Cloud is proud to partner with Hudson River Trading on their journey to redefine the frontiers of quantitative trading," said Rohit Bhat, managing director, Capital Markets, Hedge Funds, and Digital Assets, Google Cloud. "By providing our industry-leading computing and AI infrastructure, we are joining HRT in pushing the boundaries of what is possible in automated trading with speed, scale, and efficiency at the core."

About Google Cloud

Google Cloud is the new way to the cloud, providing AI, infrastructure, developer, data, security, and collaboration tools built for today and tomorrow. Google Cloud offers a powerful, fully integrated and optimized AI stack with its own planet-scale infrastructure, custom-built chips, generative AI models and development platform, as well as AI-powered applications, to help organizations transform. Customers in more than 200 countries and territories turn to Google Cloud as their trusted technology partner.

About Hudson River Trading

Hudson River Trading (HRT) is a multi-asset class quantitative trading firm based in New York City. Founded in 2002, HRT develops automated trading algorithms that provide liquidity and facilitate price discovery on exchanges and alternative trading systems. With offices around the world, HRT trades equities, futures, options, currencies and fixed income on over 200 markets worldwide. For more information, visit www.hudson-trading.com.

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