



News Release

Teradata Helps Customers Unlock True Value of their Data with Integration of Teradata VantageCloud and Microsoft Azure Machine Learning

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VantageCloud's open and connected platform enables organizations to transform their ML (machine learning) initiatives from pilots to production with the tools of their choice

Teradata (NYSE: **TDC**) today announced the integration and general availability of Teradata VantageCloud, the complete cloud analytics and data platform, with Microsoft Azure Machine Learning (Azure ML). VantageCloud's scalability, openness and industry-leading analytics – ClearScape Analytics™ – combined with Azure ML's ability to simplify and accelerate the ML lifecycle helps customers unlock the full value of their data, even in the most complex and demanding environments.

Despite continued investment by organizations in artificial intelligence and machine learning (AI/ML), many AI/ML initiatives struggle to get off the ground. "On average, 54% of AI projects make it from pilot to production", according to Gartner®, Inc., "**Gartner Survey Reveals 80% of Executives Think Automation Can Be Applied to Any Business Decision**," August 22, 2022. Teradata VantageCloud delivers the enterprise-scale performance that ensures customers can execute complex analytics and AI/ML on massive datasets with the ability to incorporate the favorite data science tools of their choice, including Azure ML. This unparalleled performance, when combined with the platform's ability to integrate preferred tools and languages, gives customers the freedom to unleash the full potential of their AI/ML investments by building, deploying and managing more high-quality models in production, faster and with confidence.

"As AI/ML rapidly expands in use, more organizations across industries – from healthcare to financial services to retail – are ramping up investment in AI/ML at scale to harness the full power of their data," said Hillary Ashton, Chief Product Officer at Teradata. "But with only half of AI/ML projects making it into production, it's become clear



that organizations are not able to fully scale their advanced analytics initiatives and maximize their investments. To address this challenge, Teradata is combining Vantage Cloud's scalability, openness and unparalleled in-database analytics with Azure ML's acceleration and management of the day-to-day workflows of the ML project lifecycle. This gives ML professionals, data scientists, and engineers the ability to quickly and nimbly train and deploy models, and manage MLOps, leveraging the massive amount of data that Vantage ingests."

Teradata VantageCloud and Azure Machine Learning work seamlessly, giving customers using VantageCloud on Azure the ability to tap into the power of their data. With this integration, joint customers across industries can realize the benefits from the following use cases, and much more:

- Retail – Streamline supply chains by integrating data from myriad sources to better forecast demand, improve visibility, increase real-time flexibility, and drive automation.
- Fin Serv – Enhance risk management by fully automating decisioning and integrating risk data into balance sheet optimization.
- Healthcare – Improve patient care by using machine learning to proactively predict when medical devices may need maintenance.

"Microsoft Azure Machine Learning empowers data scientists and developers to build, deploy, and manage high-quality models and accelerates time to value with support for the entire ML lifecycle. The platform is trusted by users and designed for responsible AI applications in machine learning – with built-in fairness and responsible usage for compliance. This reliability and trust, coupled with Teradata's reputation for performance and stability, give our customers the confidence and support to ramp up their AI/ML initiatives to drive measurable business impact," said, Tony Surma, Chief Technology Officer, U.S. Global Partner Solutions at Microsoft.

To learn more about Teradata VantageCloud with Microsoft Azure Machine Learning, watch the webinar on-demand:

Scalable Acceleration and Automation for the ML Lifecycle

Featuring:

- Jason Virtue, Global AI & ML Community Practice Lead, Microsoft
- Katrina Conn, Director, Data Science Practice, Teradata

Moderator:

- Michael Riordan, Director, Product Management, Teradata

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Availability

Teradata VantageCloud with Microsoft Azure Machine Learning is available today, worldwide.

About Teradata

At Teradata, we believe that people thrive when empowered with trusted information. We offer the most complete cloud analytics and data platform for AI. By delivering harmonized data and trusted AI, we enable more confident decision-making, unlock faster innovation, and drive the impactful business results organizations need most. See how at **Teradata.com**.

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