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News Release
Teradata MCP Server Empowers Agentic AI with Transparent, Trusted Data Access at Scale

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By delivering deep semantic access to enterprise data, Teradata's open-source MCP Server enables AI agents to operate with clarity, context, and confidence

SAN DIEGO--(BUSINESS WIRE)-- **Teradata** (NYSE: **TDC**) today announced the launch of the open-source Teradata MCP Server – Community Edition, a powerful new framework designed to enable AI agents and users to query, analyze, and manage enterprise data with unprecedented efficiency and trust. Built on Teradata's Vantage platform, the MCP Server equips AI agents with the context they need to deliver meaningful outcomes—bridging the gap between raw data and intelligent action. With built-in tools for data quality, security, feature management, and retrieval-augmented generation (RAG), the MCP Server is designed to empower organizations to build AI agents that are not only capable, but truly context-aware and trustworthy.

In the race to develop agentic AI, the challenge is no longer just about building smarter models—it's about giving those models access to the right context. Without a deep understanding of enterprise data, user behavior, and domain-specific nuances, even the most advanced AI agents will fall short. Teradata's MCP Server addresses this challenge by enabling agents to tap into the full semantic richness of enterprise data. From AI developer tools and security prompts to feature store management and custom tool integration, the MCP Server is expected to provide a modular, open-source foundation for building trusted AI agents that can reason, remember, and act with precision.

"With the launch of the Teradata MCP Server, we're giving our customers a powerful new way to unlock the full potential of agentic AI," said Louis Landry, Chief Technology Officer at Teradata. "Success in this new era of AI hinges not just on model sophistication, but on meaningful context. By providing AI agents with trusted, transparent access to enterprise data, we're enabling our customers to build intelligent systems that are not only more capable, but also more aligned with real-world business needs. This is a major step forward in making AI truly

enterprise-ready."

AI agents powered by Teradata Vantage and the MCP Server can be enabled to deliver the context, scale, and trust that modern enterprises require. With the MCP Server, customers can build agents that operate with a full understanding of enterprise data, leverage a rich set of integrated tools, and scale agentic AI use cases efficiently and cost-effectively. This combination empowers organizations to move beyond isolated AI experiments and deploy intelligent, context-aware agents that drive real business outcomes.

Use Case: AI Agent for Personalized Patient Care in Healthcare

As the healthcare industry undergoes a transformative shift toward patient-centric, data-driven care, the ability to deliver personalized treatment at scale has become a strategic imperative. Yet, the fragmentation of data across electronic health records (EHRs), telehealth platforms, wearable devices, and lifestyle inputs continues to hinder clinicians from gaining a comprehensive view of patient health.

Teradata's MCP Server, powered by Teradata Vantage, is designed to address this challenge by enabling AI agents to operate with full-context intelligence—bridging data silos and unlocking real-time, actionable insights.

Full-Context Patient Intelligence

Teradata Vantage unifies diverse healthcare data sources—EHRs, lab results, prescriptions, telehealth transcripts, and patient-generated data—into a single, integrated platform. Through the MCP Server, AI agents can access this rich, contextual data to deliver personalized, context-aware recommendations that support clinicians in making more informed decisions.

Integrated AI for Clinical Decision Support

Modern healthcare demands AI agents that go beyond basic automation. With built-in support for predictive analytics, generative AI, and real-time operational insights via ClearScape Analytics, Teradata's platform empowers agents to detect early warning signs, suggest treatment adjustments, and provide evidence-based recommendations—all without moving data across systems.

Scalable, Cost-Effective Performance

Whether analyzing millions of patient records or generating real-time alerts, AI agents must operate at scale. Teradata Vantage is designed to provide high-performance analytics with cost efficiency, enabling

healthcare organizations to expand personalized care while maintaining compliance and operational excellence.

By leveraging the Teradata MCP Server, healthcare providers can build AI agents that not only understand the full picture of a patient's health but also act on it—delivering smarter, safer, and more proactive care.

Technical Capabilities of the Teradata MCP Server – Community Edition

The Teradata MCP Server provides a modular, extensible framework that enables AI agents to interact with enterprise data through a rich set of built-in tools and prompts. Key capabilities include:

- Developer Tools – Streamline platform administration with prompts and resources tailored for database management tasks.
- Data Quality Tools – Accelerate exploratory data analysis and ensure data integrity for AI-driven insights.
- Security Tools – Resolve access and permission issues with built-in security prompts and workflows.
- Feature Store Tools – Manage and operationalize enterprise features for machine learning and AI applications.
- RAG Tools – Simplify the creation and management of vector stores for retrieval-augmented generation use cases.
- Custom Tools – Easily define and deploy custom tools aligned to your unique data and business context.

These capabilities are designed to help organizations build AI agents that are not only intelligent, but also deeply integrated with the operational and analytical fabric of the enterprise.

Availability

Teradata Vantage customers can start leveraging the **MCP Server for AI agents** today.

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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