



# ADAM on MS Fabric: Accelerating the Agentic Data Enterprise

From fragmented data to continuous, intelligent orchestration

Enterprises are moving rapidly toward AI-driven operating models, yet most struggle to make data consistently ready, reliable, and usable at scale. Data often remains fragmented across warehouses, lakes, SaaS systems, and business domains, creating inconsistent versions of truth and slowing analytical alignment.

Traditional workflows rely on manual processes that demand extensive human intervention for data quality, issue resolution, and ingestion, making it hard to scale or adapt to fast-changing business needs, and exposing the inherent inflexibility of current architectures to adapt and support dynamic decision making.

To unlock the full potential of AI and decision automation, organizations need to shift from reactive data management to proactive, continuous orchestration – a transformation that begins with agentic intelligence.

## Why Traditional Data Management Falls Short

Legacy architectures were built for static environments – batch pipelines, isolated tools, and rigid rule-based processes. These frameworks can no longer keep pace with today's interconnected, real-time business ecosystems. To ensure that data is consistently trustworthy, governed, and ready for consumption,

organizations now need systems that can adapt, learn, reason, and act in real time.

Success now depends on embracing an agentic approach – one that continuously learns, monitors, and collaborates with human expertise to deliver adaptive intelligence and measurable business outcomes.

## ADAM on Fabric: A Bridge to Agentic Data Management

ADAM on Fabric is engineered to bring this evolution to life. Acting as an agentic activation layer, it integrates natively with Microsoft Fabric's unified data foundation to power intelligent, automated data operations. Through a suite of configurable, enterprise-grade agents, ADAM automates data quality, accelerates data engineering, enhances observability and governance, and operationalizes insights across workflows. Instead of building these capabilities from scratch, enterprises can leverage Brillio's proven reference architecture and domain-ready blueprints to rapidly scale value on Fabric.

## Inside the Integration: ADAM on Fabric in Action

ADAM on Fabric enables end-to-end, AI-driven data management through a network of specialized, collaborative agents that work autonomously or in tandem across the data value chain, from engineering to operations.

**AI-enabled Data Engineering:** Discovery, Data Engineering, and Dev Assist Agents accelerate development cycles, improving code accuracy and reducing time to market by up to 30%, while driving 80% error-free code.

**AI-led Data Quality & Governance:** Data Monitoring and Data Profiling Agents ensure continuous observability and data trust, cutting pipeline errors by 30% and improving overall performance by 80%.

**Agentic Insights:** Guru GPT and Decypher Agents enhance analytical intelligence, delivering 40% faster time to insight and 30% better decision-making through automated interpretation and contextual recommendations.

**Agentic Data Operations:** Observability, Log Analytics, and Smart Assist Agents reduce manual effort with 60% automated ticket resolution and a 70% drop in ticket volumes, strengthening reliability and responsiveness.

## Key Benefits of ADAM on Fabric

**Continuous intelligence:** Move from periodic refreshes to always-on, self-optimizing data flows.

**Operational efficiency:** Reduce manual monitoring and remediation through autonomous agents.

**Accelerated AI readiness:** Ensure trustworthy, governed, and explainable data for GenAI applications.

**Seamless extensibility:** Activate agentic orchestration across Microsoft Fabric and beyond.

**Scalable innovation:** Achieve faster time-to-value through Brillio's proven blueprints and modular design.

Ready to see how ADAM on MS Fabric unlocks accelerated AI readiness? Join our immersive workshop to experience the future of automated data and AI management.

Email at [pooja.bhanot@brillio.com](mailto:pooja.bhanot@brillio.com) to get started.



## ABOUT BRILLIO

**Brillio is a digital technology services company that drives AI-first engineering and design-led experiences for global enterprises.** Born digital in 2014, its consulting-led services span Customer Experience, Data & AI, Product Engineering, and Digital Infrastructure. With an industry-leading NPS of 71, Brillio accelerates time to market through its proprietary BrillioOne.ai platform, powered by AI-ready talent with deep domain expertise.

Brillio is the official Digital Transformation Partner and the official Data and AI Services Provider of Atlassian Williams Racing. Brillio partners with leading technology providers including Microsoft, AWS, Google Cloud, Salesforce, Adobe, Databricks, and Snowflake and operates with 6,000+ “Brillians” across 15 global delivery centers. Consistently recognized as a Great Place to Work® since 2021, Brillio blends innovation, talent, and purpose to deliver measurable outcomes for clients and fulfilling careers for employees.



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