



Data & AI
Azure

Specialist

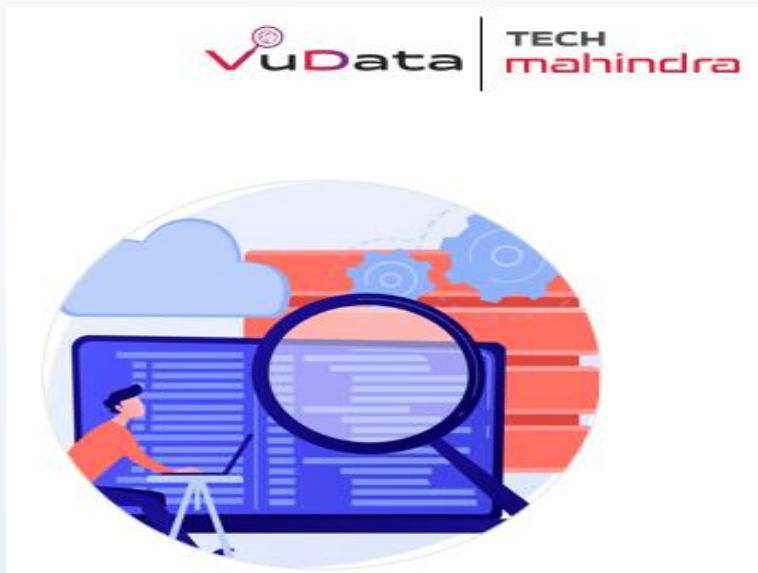
Migrate Enterprise Applications
to Microsoft Azure
Infra and Database Migration

VuData is a Data Observability framework for managing & automating Data Pipelines. It offers reactive, proactive alerts and notifications, actionable insights on data pipeline failures, an automated pipeline reconciliation report for validation and verification, auto restart ability to ensure uninterrupted data flow, proactive error handling. Platform helps to improved data quality, reduced downtime, increased efficiency, proactive issue resolution, greater business agility, and competitive advantage

ABOUT TECH MAHINDRA & VUDATA

Tech Mahindra is an Indian multinational information technology services and consulting company. Under Data Analytics Platform – building this solution as part of techmahindra.

VuData is a Data Observability refers to the practice of monitoring, managing, and maintaining data in a way that ensures its quality, availability, reliability and completeness across various processes, systems, and pipelines within an organization.



Use Cases

The following use cases very much aligned for VuData requirement

- Monitor data ingestion from external sources and identify any issues that arise during the process.
- Proactive alerting and notification
- Alert users when a data pipeline fails or is about to fail, enabling them to take proactive action to avoid data loss or data inconsistency
- Automatically validate data quality based on predefined rules, ensuring data accuracy and integrity.

WHAT WE OFFER

It offers reactive, proactive alerts and notifications, actionable insights on data pipeline failures, an automated pipeline reconciliation report for validation and verification, auto restart ability to ensure uninterrupted data flow, proactive error handling.

Connectors

- ADF, Databricks, GCP Composer, DBT, Azure Fabric, AWS Glue, Informatica, SSIS

Reports:

- Pipeline monitoring, Error analysis, RCA, long running job Predictive, Resolution Recommendation
- Execution Report, Impact Analysis, Reconciliation, ticket, Anomalies Report

Benefits:

The following benefits can be achieved

- Proactive Issue Resolution
- Faster Time-to-Insight
- Improved Data Quality
- Reduced Downtime
- Increased Efficiency
- Better Data Governance
- Improved Collaboration
- Predictive Analytics
- Greater Business Agility
- Competitive Advantage

TechM's System Health Monitoring & Observability Solutions



Be future-ready

Continuous innovation from Microsoft supports your development today, and your product visions for tomorrow. With 1,000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data-science tools.

Operate hybrid seamlessly

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single-identity platform trusted by 90% of enterprises globally.

Build on your terms

You have choices. With a commitment to open source and support for all languages and frameworks, build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.

Trust your cloud

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With a \$1B+ investment in security R&D and 3,500 cybersecurity experts, security is foundational for Azure.



Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

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