

APPLICATION PERFORMANCE MANAGEMENT AND OPERATIONAL INTELLIGENCE FOR AZURE DATABRICKS

Unravel is a full-stack, AI-powered data operations platform designed to help you understand and improve the performance of your applications and data pipelines on Azure Databricks.

Unified view across Azure Databricks environments

- View and understand cluster resources, Spark apps, jobs, and stages across Databricks instances & workspaces
- Visibility into data usage including tables accessed by user or by application, and identifying hot/cold/warm tables and data

Making Spark data pipelines even faster

- Pinpoint accuracy for runtime tunable parameters gets maximum performance from Azure Databricks
- Unravel provides meta-intelligence about cloud server instances to rightsize infrastructure for the best performing Spark apps

More agile Spark operations

- Faster diagnosis and resolution of application failures, slowdowns in Spark applications and data pipelines
- Reduced mean time to identification and recovery from failures (MTTI/MTTR)

Key Unravel features for Azure Databricks environments

- Actionable, data driven insights on all aspects of Spark apps and data pipelines
- Ergonomic visualizations detailing Spark jobs and runtime behavior
- Guided root cause analysis for Spark failures and slowdowns
- Single-pane-of-glass view of all elements of your Azure Databricks pipelines
- Cluster resource usage trending and chargeback reporting
- Visibility into data usage filtered by users, departments, workspaces, and custom tags

SUPPORTS



GUARANTEE PERFORMANCE

Troubleshoot problems with a single click. Stay ahead of issues with automated alerting and remediation.



LOWER COSTS

Take advantage of scaling and pricing features. Reduce resource usage per app.



UNIFY MONITORING & FULL STACK ANALYTICS

All insights in one place: alerts, reports, dashboards, and more.

WHY UNRAVEL?

Unravel was designed to radically simplify the way teams monitor, manage, troubleshoot, and optimize the performance of your large-scale data-driven apps. Only Unravel delivers full-stack, cross-platform visibility, AI-driven insights and recommendations, and automated tuning and troubleshooting.

CASE STUDY

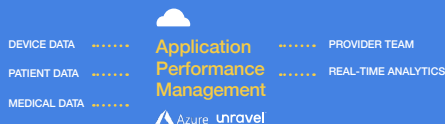
A healthcare provider improves patient care with Unravel and Azure.

BEFORE UNRAVEL

- **2 weeks** to troubleshoot performance issues
- **1-2 months** to launch new apps in production
- Difficulty planning and forecasting, due to poor visibility

AFTER UNRAVEL

- **99% reduction** in MTTR, with issues resolved instantly
- **50% lower operating costs** with end-to-end visibility to better scale resources



uncover

MODERN DATA APPLICATIONS

Analytics, Machine Learning, and beyond

PLATFORMS & TECHNOLOGIES

Spark, Hadoop, NoSQL, MPP, Kafka, and beyond

DEPLOYMENT MODELS

On-Premises, Cloud, Hybrid Cloud

understand

Creates, correlates, and analyzes a complete data model of your ecosystem.

Uses predictive analytics, machine learning, and AI to help you understand and optimize performance.

unravel

Dashboard, Auto-Actions, Smart Alerts, Reporting, Recommendations

Reach out to us to start your [free, full-featured trial](#) at hello@unraveldata.com

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