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Dynatrace Unveils Data Observability for its Analytics and Automation Platform

Davis AI helps ensure all data in the Dynatrace platform is reliable and accurate for business analytics, smart cloud orchestration, and reliable automation

WALTHAM, Mass.--(BUSINESS WIRE)-- [Dynatrace](#) (NYSE: DT), the leader in unified observability and security, today announced new AI-powered data observability capabilities for its [analytics and automation platform](#). With Dynatrace® Data Observability, teams can confidently rely on all observability, security, and business events data in Dynatrace to fuel the platform's [Davis® AI](#) engine to help eliminate false positives and deliver trustworthy business analytics and reliable automations.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20240131959076/en/>



(Graphic: Business Wire)

Dynatrace Data Observability enables business analytics, data science, DevOps, SRE, security, and other teams to help ensure all data in the Dynatrace® platform is high quality. This complements the platform's existing data cleansing and enrichment

capabilities provided by [Dynatrace OneAgent®](#) to help ensure high quality for data collected via other external sources, including open source standards, such as OpenTelemetry, and custom instrumentation, such as logs and Dynatrace APIs. It enables teams to track the freshness, volume, distribution, schema, lineage, and availability of these externally sourced data, thereby reducing or eliminating the need for additional data cleansing tools.

“Dynatrace, with its OneAgent technology, provides us with a high level of confidence that the data powering our analytics and automation is healthy. The platform is also very flexible, which enables us to tap into custom data sources and open standards, like OpenTelemetry,” said Kulvir Gahunia, Director, Site Reliability Office at TELUS. “New Dynatrace data observability capabilities will help ensure the data from these custom sources is also high-quality fuel for our analytics and automation. This will save us from having to cleanse the data manually and reduce the need for additional data cleansing tools.”

High-quality data is critical for organizations that rely on it to inform business and product strategies, optimize and automate processes, and drive continuous improvements. However, the scale and complexity of data from modern cloud ecosystems, combined with the increased use of open source solutions, open APIs, and other customized instrumentation, make it hard to achieve this goal.

By adopting data observability techniques, organizations can improve data availability, reliability, and quality throughout the data lifecycle, from ingestion to analytics and automation. According to Gartner®, “by 2026, 30% of enterprises implementing distributed data architectures will have adopted data observability techniques to improve visibility over the state of their data landscape, up from less than 5% in 2023.”

Dynatrace Data Observability works with other [core Dynatrace® platform technologies](#), including Davis hypermodal AI combining predictive, causal, and generative AI capabilities, to provide data-driven teams with the following benefits:

- **Freshness:** Helps ensure the data used for analytics and automation is up-to-date and timely and alerts to any issues—for example, out-of-stock inventory, changes in product pricing, and timestamp anomalies.
- **Volume:** Monitors for unexpected increases, decreases, or gaps in data—for example, the number of reported customers using a particular service—which can indicate undetected issues.
- **Distribution:** Monitors for patterns, deviations, or outliers from the expected way data values are spread in a dataset, which can signal issues in data collection or processing.
- **Schema:** Tracks data structure and alerts on unexpected changes, such as new or deleted fields, to prevent unexpected outcomes like broken reports and dashboards.
- **Lineage:** Delivers precise root-cause detail into the origins of data and what services it will impact downstream, helping teams proactively identify and resolve data issues before they impact users or customers.
- **Availability:** Leverages the [Dynatrace platform’s infrastructure observability capabilities](#) to observe digital services’ usage of servers, networking, and storage, alerting on abnormalities such as downtime and latency, to provide a steady flow of data from these sources for healthy analytics and automation.

“Data quality and reliability are vital for organizations to perform, innovate, and comply with industry regulations,” said Bernd Greifeneder, CTO at Dynatrace. “A valuable analytics solution must detect issues in the data that fuels analytics and automation as early as possible. Dynatrace OneAgent has always helped ensure that the data it collects is of the highest quality. By adding data observability capabilities to our unified and open platform, we’re enabling our customers to harness the power of data from more sources for more analytics and automation possibilities while maintaining the health of their data, without any extra tools.”

Dynatrace Data Observability is expected to be generally available for all Dynatrace SaaS customers within 90 days of this announcement. Visit the [Dynatrace Data Observability](#) blog for more information.

About Dynatrace

[Dynatrace](#) (NYSE: DT) exists to make the world's software work perfectly. Our unified platform combines broad and deep observability and continuous runtime application security with [Davis® hypermodal AI](#) to provide answers and intelligent automation from data at an enormous scale. This enables innovators to modernize and automate cloud operations, deliver software faster and more securely, and ensure flawless digital experiences. That's why the world's largest organizations trust the Dynatrace® platform to accelerate digital transformation.

Curious to see how you can simplify your cloud and maximize the impact of your digital teams? Let us show you. Sign up for a [15-day Dynatrace trial](#).

Cautionary Language Concerning Forward-Looking Statements

This press release includes certain “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the capabilities of Data Observability, the expected benefits to organizations from using Data Observability, and the timing for when Data Observability is expected to be generally available. These forward-looking statements include all statements that are not historical facts and statements identified by words such as “will,” “expects,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” “estimates,” and words of similar meaning. These forward-looking statements reflect our current views about our plans, intentions, expectations, strategies, and prospects, which are based on the information currently available to us and on assumptions we have made. Although we believe that our plans, intentions, expectations, strategies, and prospects as reflected in or suggested by those forward-looking statements are reasonable, we can give no assurance that the plans, intentions, expectations, or strategies will be attained or achieved. Actual results may differ materially from those described in the forward-looking statements and will be affected by a variety of risks and factors that are beyond our control, including the risks set forth under the caption “Risk Factors” in our Quarterly Report on Form 10-Q filed on November 2, 2023, and our other SEC filings. We assume no obligation to update any forward-looking statements contained in this document as a result of new information, future events, or otherwise.

ⁱ [Gartner Innovation Insight: Data Observability Enables Proactive Data Quality](#), 20 July 2023. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

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