

Data Observability Global Market Report 2025: Exploring Key Aspects And Estimations

The Business Research Company's Data Observability Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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The [data observability market size](#) has grown rapidly in recent years. It will grow from \$2.53 billion in 2024 to \$2.94 billion in 2025 at a compound annual growth rate CAGR of 16.1%. The growth in the historic period can be attributed to increase in demand for data-driven decision-making, growth in volume of data, expansion of cloud-based solutions, rise in adoption of artificial intelligence and machine learning technologies, and emergence of big data analytics solutions.

In light of recent developments, where is the data observability market heading?

The data observability market size is expected to rapid growth in the next few years. It will grow to \$5.27 billion in 2029 at a compound annual growth rate CAGR of 15.8%. The growth in the forecast period can be attributed to rising need for enhanced compliance solutions, rising demand for real-time data insights, growing focus on data quality management, rising importance of automated monitoring solutions, and growing need for enhanced visualization tools. Major trends in the forecast period include advancements in real-time monitoring, automated anomaly detection, adoption of data lineage visualization, adoption of AI-driven insights, enhanced data quality management, integration with cloud platforms, and advancements alerting systems.

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What key drivers are propelling the growth of the data observability market?

The expansion of cloud computing is expected to drive the growth of the data observability

market going forward. Cloud computing delivers computing services such as servers, storage, databases, networking, software, and analytics over the internet, allowing users to access and utilize shared resources on demand while reducing the need for physical infrastructure management. The expansion of cloud computing is driven by scalability, flexibility, and cost efficiency, allowing organizations to quickly adapt to changing demands and optimize their information technology resources. Data observability solutions are essential in cloud computing environments, providing visibility and control over complex data flows to ensure real-time accuracy, performance, and compliance.

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Which key industry players are shaping the data observability market?

Major companies operating in the data observability market are Alphabet Google LLC, Microsoft Corporation, International Business Machines Corporation, Amazon Web Services Inc., Splunk Inc., Snowflake Inc., Datadog Inc., Informatika Corporation, Databricks Inc., Dynatrace LLC, Elastic NV, Alteryx Inc., New Relic Inc., TIBCO Software Inc., DataRobot Inc., AppDynamics Inc., Fivetran, Talend S.A., Cribl, Dremio, Acceldata Inc., Astronomer Inc., Monte Carlo Data Inc., DataKitchen, StackState. These companies are forging the future of data observability with their innovative solutions and services.

How are emerging trends impacting the data observability market?

Major companies operating in the data observability market are focusing on technological advancements such as integrating artificial intelligence AI in data observability to enhance the accuracy, efficiency, and scalability of data monitoring, enabling real-time anomaly detection, predictive insights, and automated resolution of data issues across complex systems.

How is the [data observability market segmented](#)?

The data observability market covered in this report is segmented –

- 1 By Component: Solution, Services
- 2 By Deployment Model: Cloud-Based, On-Premises, Hybrid
- 3 By End-User: Banking, Financial Services, And Insurance BFSI, Information Technology IT And Telecom, Government And Public Sector, Energy And Utility, Manufacturing, Healthcare And Life Science, Retail And Consumer Goods, Other End Users

Subsegments:

- 1 By Solution: Data Monitoring, Data Profiling, Data Lineage Tracking, Anomaly Detection
- 2 By Services: Consulting Services, Integration And Deployment Services, Support And Maintenance Services

What are the regional insights into the data observability market?

North America was the largest region in the data observability market in 2024. Asia-Pacific is expected to be the fastest-growing region in the forecast period. The regions covered in the data

observability market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

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