



# Data Observability Technology – Provider Compendium 2024

June 2024: Complimentary Abstract / Table of Contents

Provider Compendium  
Data and Analytics



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- ▶ Microsoft Business Application Services
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- ▶ Multi-country Payroll
- ▶ Network Services and 5G
- ▶ Oracle Services
- ▶ Outsourcing Excellence
- ▶ Payer and Provider Business Process
- ▶ Payer and Provider Information Technology
- ▶ Price Genius – AMS Solution and Pricing Tool
- ▶ Pricing Analytics as a Service
- ▶ Process Intelligence
- ▶ Process Orchestration
- ▶ Procurement and Supply Chain
- ▶ Recruitment
- ▶ Retail and CPG IT Services
- ▶ Retirement Technologies
- ▶ Revenue Cycle Management
- ▶ Rewards and Recognition
- ▶ SAP Services
- ▶ Service Optimization Technologies
- ▶ Software Product Engineering Services
- ▶ Supply Chain Management (SCM) Services
- ▶ Sustainability Technology and Services
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# Background and introduction of the research

In recent years, enterprises have embarked on a modernization journey, harnessing data to drive innovation and become digital-first organizations. The rising adoption of AI/ML has further revolutionized how enterprises utilize data, thereby significantly increasing its access and consumption. However, the constantly changing dynamics of high-volume data, coupled with the complex interdependencies between platforms, have heightened the challenges faced by data teams. These complexities hinder their visibility into data movement, impacting data quality, reliability, and cost management. In response, enterprises are embracing modern data management practices such as data observability. This empowers organizations to gain comprehensive visibility across their data stack, proactively detect and resolve data-related issues, and ensure the accuracy and reliability of their data. Technology providers, with their development of AI-/ML-powered capabilities and investments in next-generation technologies, can assist enterprises in successfully navigating these complexities.

In this research, we present an assessment and detailed profiles of 20 data observability technology providers. Each provider profile provides a comprehensive picture of its strengths and limitations. The assessment is based on Everest Group's annual RFI process for the calendar year 2023, interactions with leading data observability technology providers, client reference checks, and an ongoing analysis of the data observability market.

**This report includes the profiles of the following 20 leading data observability technology providers:**

Acceldata, Anomalo, Ataccama, Bigeye, DataBuck (FirstEigen), DataKitchen, Decube, DQLabs, IBM Databand, Kensu, Metaplane, Monte Carlo, Qualdo.ai, RightData, Sifflet, Soda, Telmai, Timeseer.AI, Unravel Data, Validio

## Scope of this report

**Geography:** global

**Product:** data observability platform

**Technology providers:** 20 leading technology providers for data observability platforms

# Overview and abbreviated summary of key messages

This compendium provides detailed profiles of 20 providers, highlighting their capabilities and offerings in the data observability space. Each profile offers a comprehensive snapshot of the provider's operational overview, product capabilities, investments, integrations, and market success.

## **Some of the findings in this report, among others, are:**

### **Data observability technology market overview**

- The increase in data consumption, migration to modern cloud data platforms, and increasing complexity in data journey are the biggest drivers influencing the adoption of data observability
- In the recent years, the supplier landscape has expanded significantly through the emergence of next-generation no-code/low-code solution providers, along with increased participation from established observability and data management technology providers
- Enterprises are focusing on partnerships and integrations with technology providers, quality of proof of concept, and attractive pricing constructs, while selecting a data observability vendor
- As investments in data and AI continue to grow in the future, there is an opportunity for technology providers to step up and help enterprises in addressing the challenges being faced in scaling the adoption of data observability initiatives

### **Technology provider characteristics**

- The leading technology providers in the data observability space are at the forefront of innovation by making strategic investments to expand their data observability capabilities through acquisitions, partnerships, and integrations, among others. Additionally, they are also driving enhanced customer experience by leveraging next-generation technologies such as generative AI and NLP
- Moreover, other players in the market offer coverage across various modules of data observability and have shown high confidence in their sweet spots within the data observability spectrum

# The Data Observability Technology – Provider Compendium 2024 report has over 20 provider profiles/buyer case studies/architecture of the survey questionnaire, etc.

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## Provider 1 profile (page 1 of 4)

### Overview

**Company profile**  
 Provider 1, founded in 2018, uses a comprehensive data quality tool that automatically explains errors in enterprise data. It allows for scalability beyond basic checks and helps trust in the data that supports business choices, analytics, and models with its AI-based

**Headquarters:** Palo Alto, California      **Website:** [www.Provider\\_1.com](http://www.Provider_1.com)

**Key leaders**

- Leader 1, Chief Executive Officer and Co-Founder
- Leader 2, Chief Technology Officer and Co-Founder
- Leader 3, Vice President of Marketing

<sup>1</sup> Others include energy & utilities, professional services, etc.

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## Provider 1 profile (page 2 of 4)

### Offerings

**Data observability platform**

Modules	Key features/capabilities	Detail
Module 1	<ul style="list-style-type: none"> <li>• Feature 1</li> <li>• Feature 2</li> <li>• Feature 3</li> </ul>	It pro abno can tr Integr
Module 2	<ul style="list-style-type: none"> <li>• Feature 1</li> <li>• Feature 2</li> <li>• Feature 3</li> </ul>	It acc sever triage down

**Key integrations**

Cloud data warehouses/lakehouses 	Big data platforms and databases 
Collaboration and communication 	AI/ML platforms 

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## Provider 1 profile (page 3 of 4)

### Recent developments

**Key initiatives (representative list)**

Products	Type of event	Detail
XYZ	Partnership	Partn
XYZ	Partnership	Anno the q
XYZ	Partnership	Partn write make

**Key integrations**

Cloud data warehouses/lakehouses 	Big data platforms and databases 
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## Provider 1 profile (page 4 of 4)

### Case studies

**CASE STUDY 1**  
 Transformed legacy systems with innovative solutions for comprehensive data management

**Business challenge**  
 The client had a vital requirement to administer and manage its vast enterprise-grade data domains. With data as the foundation for decision-making, it sought a complete solution to assure data quality, accessibility, and confidence throughout its business. Legacy technology and a lack of comprehensive data governance provided substantial challenges to attain this aim, causing the customer to seek a more modern approach to data management.

**Solution and impact**  
 The client started looking for solutions that were specifically designed to meet its demands. Instead of choosing traditional suppliers' legacy suites, it chose Provider 1 for data quality monitoring and Atation for data cataloging. Atation and Provider 1's connection gave the client a single, integrated solution to monitor data quality, prioritize data profiling, and ensure data governance. The client was able to reduce the risks related to data inconsistencies and inefficiencies while cultivating a culture of data-driven decision-making.

- Reduced cost by 10 times as compared to the other solutions considered
- Established effective data governance frameworks for over 70 TB of enterprise-grade data domains, ensuring data integrity and reliability

**CASE STUDY 2**  
 Achieved stable data operations with automated data quality monitoring

**Business challenge**  
 The client encountered recurrent data quality challenges in its modern data stack, jeopardizing decision-making processes across multiple departments. With an increasing number of data and limited resources, it was unsuccessful in addressing anomalies efficiently, resulting in trust problems among stakeholders. The client identified the urgent need for a proactive strategy to data quality monitoring to address these issues and maintain data reliability for important business processes.

**Solution and impact**  
 The client approached Provider 1 to transform its data quality monitoring methodology. The client recognized the impracticality of human inspections at scale and used Provider 1's ML capabilities to automate anomaly detection and root cause analysis. By scanning past data and intelligently flagging anomalies, Provider 1 enabled the client's data team to discover and resolve issues ahead of time, avoiding disruptions to downstream consumers. The positioning of Provider 1 within the data path allowed the client to eliminate risks at important points, ensuring data freshness, correctness, and reliability.

- Saved over three FTE resources by automating anomaly detection, eliminating the need for exhaustive manual validation and rule creation
- Reduced the time spent on data quality incidents by an average of five hours per incident
- Covered more than 10 million records and counting with automated daily monitoring

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# Research calendar

## Data and Analytics

	Published	Current release	Planned
Reports title	Release date		
Data Observability: Unleashing the True Potential of Data			September 2023
Data and Analytics (D&A) Services PEAK Matrix® Assessment 2023			September 2023
The Dichotomy in the D&A Market: Finding the Balance Between Value Realization and Experimentation			October 2023
Data and Analytics (D&A) Services – Provider Compendium 2023 – Update			November 2023
Data and Analytics (D&A) Services for Mid-market Enterprises PEAK Matrix® Assessment 2023			November 2023
Data and Analytics (D&A) Services for Mid-market Enterprises Service – Provider Compendium 2023			December 2023
Analytics and Artificial Intelligence (AI) Services Specialists PEAK Matrix® Assessment 2024			April 2024
Data Observability Technology Provider PEAK Matrix® Assessment 2024			April 2024
<a href="#">Data Observability Technology – Provider Compendium 2024</a>			June 2024
Analytics and AI Services Specialist – Provider Compendium 2024			Q3 2024
Cloud Data Modernization – What's Next?			Q3 2024
From Chaos to Excellence: An Enterprise's Data Transformation Journey			Q3 2024
Unveiling the Modern Data Tech Stack: Evolution Over the Years			Q3 2024
Guardians of Data: Importance of a Strong Governance Layer			Q3 2024
Data and Analytics (D&A): State of The Market Report 2024			Q3 2024

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