



Hybrid and Multicloud Analytical Data Platforms

Portable, high-performance analytical platforms that support governed analytics and AI decision workloads across on-prem and multiple clouds.

2026 CONSTELLATION SHORTLIST

The Constellation ShortList™ presents vendors in different categories of the market relevant to early adopters. In addition, products included in this document meet the threshold criteria for this category as determined by Constellation Research. This Constellation ShortList of vendors for a market category is compiled through conversations with early adopter clients, independent analysis and briefings with vendors and partners.

ABOUT THIS SHORTLIST



This ShortList presents Constellation's selection of hybrid and multicloud analytical data platforms delivered both as deployable software for on-premises and private-cloud environments and as managed database services across multiple public clouds. These deployment options enable enterprises to balance performance, cost, sovereignty, and resilience requirements while maintaining architectural consistency and avoiding vendor lock-in.

Beyond deployment flexibility, this ShortList focuses on platforms that deliver decision-grade analytical execution layers capable of supporting traditional BI and reporting through to modern AI-driven and operational decision workloads. Leading platforms deliver extreme query performance at scale, support high concurrency across users and workloads, and provide workload management, optimization, and operations features necessary to sustain predictable performance and cost efficiency in hybrid and multicloud environments.

These platforms also extend beyond SQL analytics to support advanced data science, machine learning, and AI use cases through native or tightly integrated support for non-SQL languages such as Python. Differentiation comes from enabling governed, low-latency access to analytical data for AI and decision intelligence and automation, including support for streaming or incremental data patterns, consistent governance across deployment footprints, and integration with modern AI application architectures.

3 SOLUTIONS TO KNOW

Constellation evaluates more than three dozen solutions categorized in this market. This Constellation ShortList is determined by client inquiries, partner conversations, customer references, vendor selection projects, market share, and internal research.

-  **ORACLE DATABASE**
-  **TERADATA VANTAGE/
VANTAGE CLOUD**
-  **YELLOWBRICK DATA
PLATFORM**

LIKE WHAT YOU SEE?

Consider partnering with Constellation Research on your go-to-market-strategy. Email ShortList@ContellationR.com for more info.

To learn more about Constellation Research Shortlists visit: www.constellationr.com/ShortList



THRESHOLD CRITERIA

Constellation considers the following criteria for these solutions:

Hybrid and Multicloud Deployment

- Available both as deployable software for on-premises and/or private-cloud environments and as a managed database service on two or more public clouds
- Uses containerized or equivalent deployment architectures to deliver operational consistency, parity, and portability (features, performance, lifecycle management) across deployment models

Vendor-Operated Cloud Service and Support

- Vendor operates and supports its own cloud service
- Provides a single commercial and support relationship across software and cloud offerings

Governance and Management

- Integrates with enterprise governance, metadata, and observability tooling and enforces consistent security, access control and policy across deployments
- Provides mechanisms to manage cost, resource utilization, and workload efficiency across environments

Decision-Grade Performance and Concurrency under mixed workloads

- Sustains high performance and predictable SLAs under concurrent BI, applications and services, and ad hoc, operational, and AI-driven workloads
- Provides advanced workload management, isolation, and prioritization to protect decision-critical queries and ensure predictable performance and cost efficiency

Analytics, Data Science, and AI Readiness

- Supports advanced SQL analytics and native execution of data science and AI workloads using non-SQL languages (e.g., Python)
- Enables governed, low-latency access patterns suitable for AI-driven and operational decision workflows

ABOUT CONSTELLATION RESEARCH

As an award-winning Silicon Valley-based strategic advisory and futurist analyst firm, Constellation Research serves leaders and organizations navigating the challenges of digital strategy, business-model disruption and digital transformation. Constellation works closely with solution providers, partners, C-suite executives, board of directors, and its Constellation Executive Network of buy-side leaders to lead the way in research coverage and advise clients how to achieve valuable business results.

FREQUENCY OF EVALUATION

Each Constellation ShortList is updated at least once per year. Updates may occur after six months if deemed necessary.

EVALUATION SERVICES

Constellation clients can work with the analyst and the research team to conduct a more thorough discussion of this ShortList. Constellation can also provide guidance in vendor selection and contract negotiation.



Mike Ni Vice President & Principal Analyst

Michael Ni covers the evolving Data-to-Decisions landscape—where CDOs, CIOs, and CPOs must modernize data infrastructure, integrate AI into decision-making, and scale automation to improve business outcomes.

Ni's research examines how enterprises operationalize AI, automate decision-making, and integrate data management and analytics into core business processes. He focuses on the challenges of scaling AI-driven decision systems, aligning data strategy with business goals, and the growing role of data and decisioning “products” in enterprise ecosystems.



BUSINESS THEMES



Data to Decisions



Technology Optimization