Say "Yes!" to Teradata Vantage on AWS

Dive into the Analytic Deep End

Teradata Vantage™ is the connected multi-cloud data platform for enterprise analytics. It unifies everything—data lakes, data warehouses, analytics, and new data sources and types. Tapping into the power of Amazon Web Services (AWS) and priced for flexibility, Vantage on AWS delivers unlimited intelligence.

Optimize performance and costs by scaling compute or storage as needed. Get answers fast without moving data or writing complex code. Join with and query data in Amazon S3, Amazon EMR, and more. Integrate with preferred data pipeline, AI/ML, and visualization tools such as AWS Glue, Amazon SageMaker, and Amazon QuickSight.

As-a-Service Offering

Vantage on AWS is an as-a-service offering for analytics from start to scale. It provides secure, scalable, single-tenant environments in which Teradata provisions and maintains the Vantage system so that customers can focus on analytics, not IT administration.

Subscriptions include the full Vantage platform stack including Teradata software, AWS resources, and environment management. Teradata handles performance, security, availability, and operations. Choose Blended pricing for maximum predictability or Consumption pricing to pay only for what's used.

Your Tools, Your Way

Vantage supports multiple languages and tools: SQL, R, Python, SAS, Java, Jupyter, RStudio, and more. Connect seamlessly through industry-standard plug-ins, extensions, and connectors. Minimize risk and maximize efficiency by migrating and modernizing existing applications and analytic functions.

Unified Environment

Vantage combines descriptive, predictive, and prescriptive analytics with autonomous decisioning into a powerful integrated platform. Apply sophisticated embedded functions and world-class workload management for the best possible answers from all available data.

Superior Business Benefits

- Advanced analytics using virtually any data in place
- Ease of use powered by a modern cloud platform
- Quick scaling via Vantage Console or API calls
- Peace of mind from recurring audits, encrypted data
- Top user productivity driven by 99.9% availability SLA
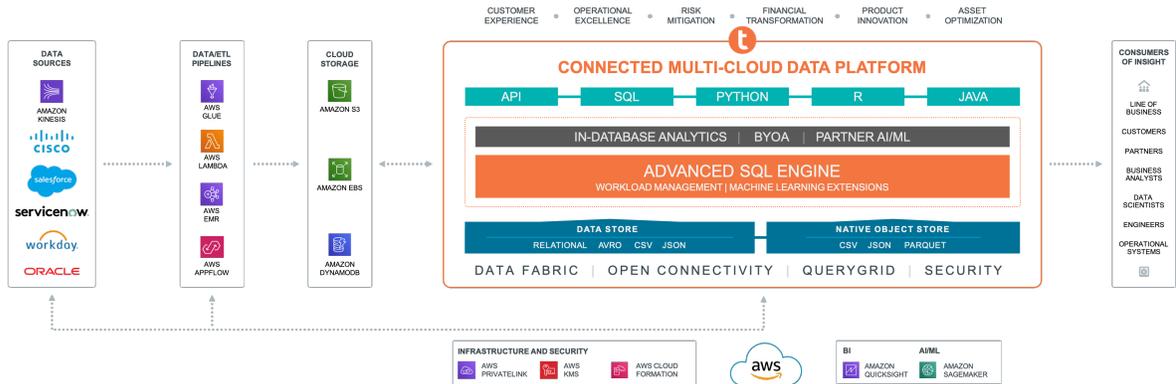- Max time savings from patches, upgrades, backups

Figure 1. Teradata Vantage Integrates With Many AWS First-Party Services.

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Use Teradata Vantage on AWS to solve complex analytical challenges.

Use Cases	Requirements	Key Benefits
Production Analytics • Fraud detection • Churn mitigation • Sales personalization • Asset maintenance optimization and risk reduction	• Performance and reliability at scale • Ingestion of different data types from various sources • Support for popular tools, technologies, and services	• Run concurrent queries, users, and applications using data in Amazon EBS and Amazon S3 • Use 100% of available data to deliver unified analytics without having to move data • Integrate with favorite tools and technologies such as Informatica, MicroStrategy, QuickSight, Qlik, Tableau, and more • Choose from myriad prebuilt analytic functions including path, pattern, and attribution
Test and Development or Proofs of Concept • Temporary, full-feature systems	• On-demand environments • Support for popular tools, languages, and processes	• Run test/dev workloads on AWS separate from production environments • Spin up a fully-functional proof of concept environment on AWS and turn it off when done • Build with preferred tools and languages (e.g., SQL, Python, R, open source, commercial)
Discovery Analytics • Explore fresh data sets • Join owned with partner data	• Rapid deployment in a secure environment • Consistent software with production systems	• Empower business analysts and data scientists to load and join data on their own on AWS • Try new ideas fast without disrupting operational environments or requiring multiple levels of approval
Business Continuity • Disaster Recovery as-a-Service (DRaaS)	• Independent infrastructure from test/dev environment • Cost-effective, scalable solution	• Separate compute and storage on AWS to create an agile, cost-effective DR solution • Choose Teradata's DRaaS solution using existing advocated BAR setup (NetBackup and Data Domain) for a managed DR environment
Cloud Migration • Low-risk migration from on-premises to the cloud	• Modernized analytics ecosystem • Optimization of existing investment • Reduced migration risk	• Transfer on-premises analytic applications and workloads with minimal re-work • Rightsize systems by starting small and scaling only when needed • Move to the cloud on any timeline by using DRaaS on AWS to back into the migration

About Teradata

Teradata is the connected multi-cloud data platform company. Our enterprise analytics solve business challenges from start to scale. Only Teradata gives you the flexibility to handle the massive and mixed data workloads of the future, today.
Learn more at **Teradata.com**.

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Advanced
Technology Partner

Data & Analytics Competency

ISV Workload Migration

Marketplace Seller

AWS PrivateLink

SaaS Partner

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