Cloud Options for Teradata Vantage™
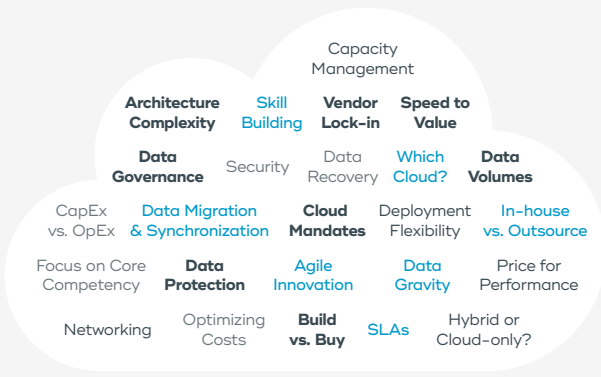
The Fastest Path to Analytics

Cloud services offer benefits including rapid spin-up, elastic scalability, and the freedom to pay only for what is used. Plus, to simplify life and de-risk decisions, Teradata Vantage™ is the same software everywhere, making it easy to migrate users and workloads between on-premises and the cloud at any time.

Vantage sets a new bar for analytic integration. It is the leading cloud analytics software platform that enables customers to use any tool, any language, and all the data to deliver answers that matter.

Vantage simplifies analytic ecosystems by integrating analytic functions and engines together. It supports multiple data types and works with a variety of languages and workbenches to ensure a personalized user experience for business analysts and data scientists.

Why Cloud?

Whether driven by a cloud mandate, lack of data center space, need for greater flexibility, or demand for higher service levels, there are many good reasons for considering the cloud. Companies everywhere are reviewing how Teradata cloud-based analytics can augment their existing infrastructure.

Multiple Cloud Deployment Options

There are many ways to deploy Vantage:

Amazon Web Services
Teradata is both an Advanced Technology Partner and an Advanced Consulting Partner with AWS and has earned the AWS Data and Analytics Competency.

Microsoft Azure
Teradata is closely aligned with Microsoft and is both a Gold Cloud Platform Partner and a Gold Data Analytics Partner.

Teradata Infrastructure
Teradata IntelliFlex™ is purpose-built hardware delivering the highest levels of scalability, performance, and concurrency.
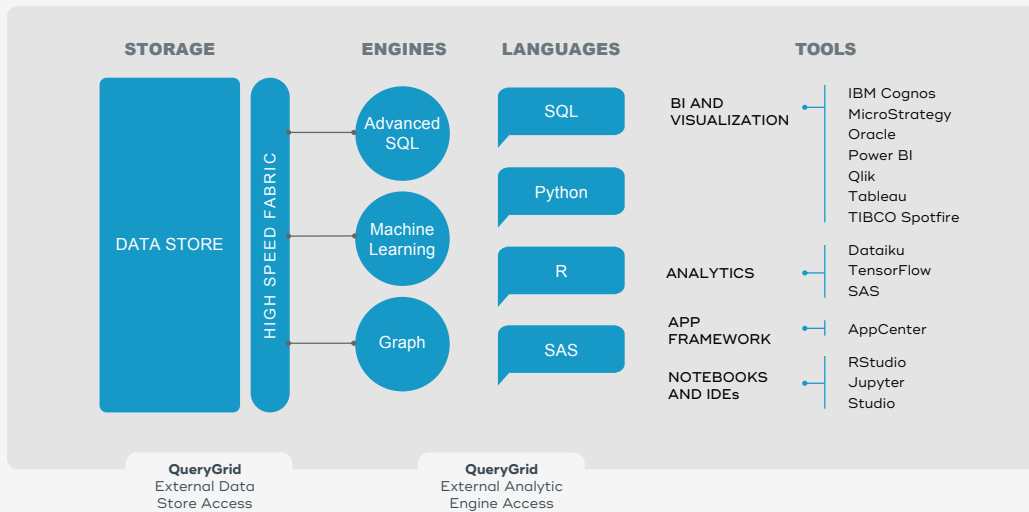
Customer Hardware with VMware
Enterprise customers use VMware virtualization software to get the most utility from their hardware.

Cloud Drivers

- **Faster Time-to-Value—**Procuring, deploying, and maintaining an IT infrastructure is a time-consuming process, and cloud solutions can cut months into minutes.

- **Budget-Friendly—**Cloud services eliminate the need to purchase expensive infrastructure, and subscription-based pricing provides greater cost control.

- **Agility and Flexibility—**Fast provisioning, elastic computing power, and massive scalability provide a level of freedom not often found in traditional solutions.

- **Enterprise-Ready—**Cloud technology has evolved quickly and is now enterprise-ready, supporting large-scale, mission-critical workloads.

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Cloud Consumption Choice

Teradata makes it easy to perform advanced analytics in the cloud. Pick from two options; either way, enjoy consistent Vantage software and features:

- **As-a-Service:** Want Vantage without worrying about the infrastructure? Teradata provisions and manages the analytic environment so you can focus on answers, not IT.

- **Do-it-Yourself:** Want to customize the environment? Deploy, integrate, and manage everything yourself and control the system however you wish.

> The flexibility to allocate exactly the resources required for a heavy period of use and then have the resources de-allocated just as quickly when done is very attractive.

Common First Use Cases

Two use cases share the characteristic of being needed only for a short time—perfect scenarios where cloud elasticity is advantageous:

- **Cloud for Test and Development—**The capacity of test/dev systems is underutilized most of the time—but during periods of intense activity, the capacity is often undersized. Cloud deployment is ideal for this type of situation. The flexibility to allocate exactly the resources required for a heavy period of use and then have the resources de-allocated just as quickly when done is very attractive.

- **Cloud for Data Labs—**Cloud has two big advantages for data labs. First, the requirement for resource scalability in data science projects is typically very high. Second is agility, because the timeframe for bringing in new infrastructure on-premises can create friction in data discovery. With cloud, the desired tools and data are much more easily accessible.

About Teradata

Teradata leverages all of the data, all of the time, so you can analyze anything, deploy anywhere, and deliver analytics that matter. By providing answers to the complexity, cost, and inadequacy of today's analytics, Teradata is transforming how businesses work and people live. Get the answer at **Teradata.com**.

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