

Power your entire data estate with SQL Server 2017





SQL Server 2017 has everything built-in—industry-leading in-memory performance, trusted security, game-changing in-database Advanced Analytics, and the flexibility to run your complete data estate on any environment with any data. All of this comes for less, thanks to unmatched TCO.

DATA SOURCES





DATA MANAGEMENT

DATA INSIGHTS

Structured

-  OLTP
-  MOBILE
-  ERP
-  LOB

Unstructured

-  Graph
-  Social
-  IoT
-  Media

Operational data

An industry leader
four years in a row



Leader
in TPC-E

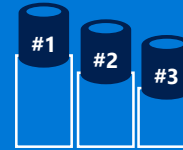


Data warehousing

Scale to petabytes



#1
performance
in TPC-H



Big data processing

T-SQL query
over any data

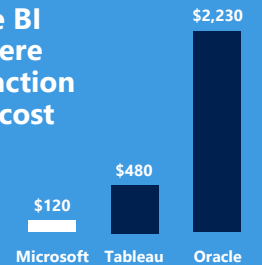


Data virtualization

Data integration

Business intelligence

Mobile BI
anywhere
at a fraction
of the cost



Advanced Analytics & AI

1M predictions
per second

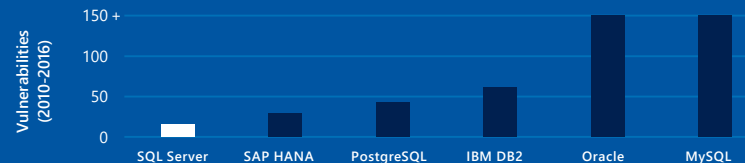


Support for
R and Python



SECURITY

Least vulnerable
over the last 7 years



FLEXIBILITY

Any language,
any platform, anywhere



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National Institute of Standards and Technology Comprehensive Vulnerability Database update 2017.

TPC-H non-clustered results as of 2017 respectively. http://www.tpc.org/tpch/results/tpch_perf_results.asp?resulttype=noncluster

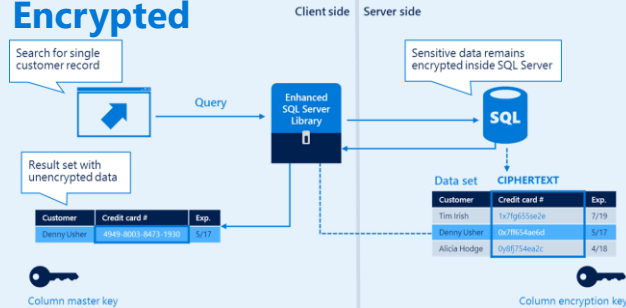
Charge ahead with breakthrough features

Enhanced performance without tuning



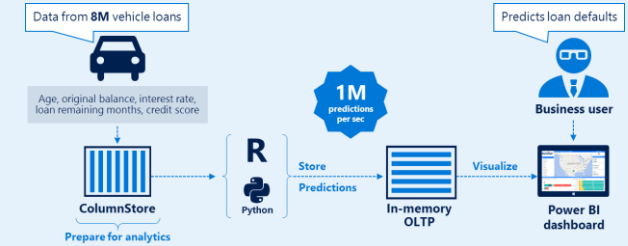
- Speed query performance without tuning using **Adaptive Query Processing**
- Faster transactions with **In-Memory OLTP** and up to 100x faster analytics with **in-memory Columnstore**
- **Real-time operational analytics** when you combine in-memory technologies

Protect data with Always Encrypted



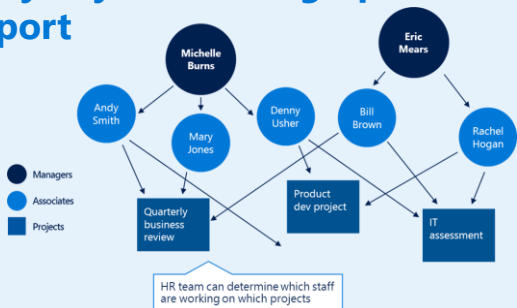
- **Fewest NIST vulnerabilities** over last 7 years
- Encrypt data at rest and in motion with **Always Encrypted**
- **Dynamic Data Masking** conceals sensitive data
- Control access to database rows with **Row-Level Security**

Real time in-database analytics with R and Python



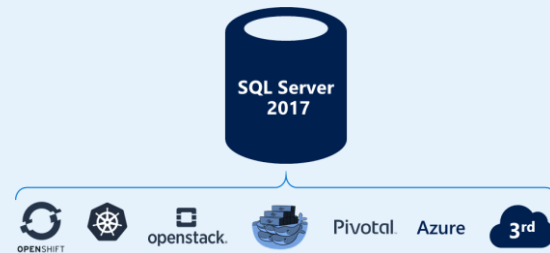
- Scale and accelerate machine learning by pushing intelligence to where the data lives with **in-database R and Python analytics**
- Analytics are **parallelized and at scale**
- **Leading AI innovation** to discover insights faster
- Advanced **machine learning algorithms** with GPUs

Query any data with graph support



- Store and analyze non-hierarchical relationships with **Graph data support**
- **PolyBase** to easily query across SQL Server and data stored in Hadoop
- **Hadoop** combined with **SQL Server** provides value and insight from data lakes

Any platform, any cloud



- Support for **Windows and Linux** operating systems and **Docker** containers
- Any cloud, any platform including **OpenShift, Red Hat OpenStack, Kubernetes, Docker Swarm** and **Pivotal**
- **License Mobility** enables on-premises licenses to be used in the cloud

INTELLIGENT // TRUSTED // FLEXIBLE

Solve bigger problems with **faster and far-reaching business insights**

Employ leading solutions for **OLTP, data warehousing, Advanced Analytics, and BI**

Enable innovation with **any language and any data on any platform**

Do more with **unmatched TCO from everything built-in**