

SQL SERVER 2017

INDUSTRY-LEADING PERFORMANCE AND SECURITY NOW ON LINUX AND DOCKER

Choice of platform and language



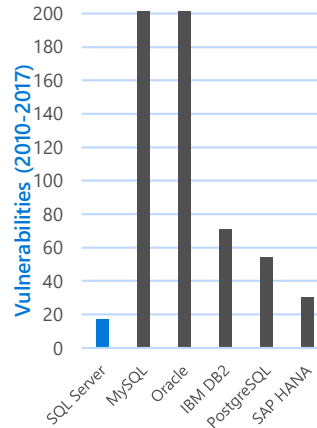
T-SQL	PHP
Java	Node.js
C/C++	Python
C#/VB.NET	Ruby

Industry-leading performance



- #1 OLTP performance¹
- #1 DW performance on 1TB², 10TB³, and 30TB⁴
- #1 OLTP price/performance⁵
- #1 DW price/performance on 1TB², 10TB³, and 30TB⁴

Most secure over the last 8 years⁶

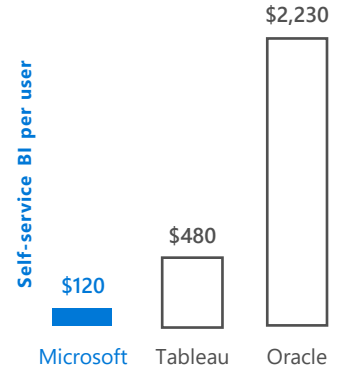


Only commercial DB with AI built-in



R and Python + in-memory at massive scale

End-to-end mobile BI on any device



A fraction of the cost

In-memory across all workloads



Private cloud

Most consistent data platform



Public cloud

All TPC Claims as of 1/19/2018. ¹<http://www.tpc.org/4081>; ²<http://www.tpc.org/3331>; ³<http://www.tpc.org/3326>; ⁴<http://www.tpc.org/3321>; ⁵<http://www.tpc.org/4080>; ⁶National Institute of Standards and Technology Comprehensive Vulnerability Database

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Platform of choice

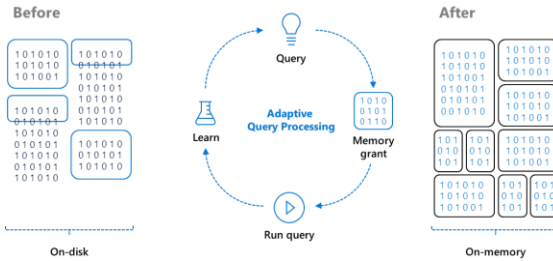


Support for **Windows and Linux** operating systems and **Docker** containers

Any cloud, any platform including **OpenShift**, **Red Hat OpenStack**, and **Kubernetes**

License Mobility enables on-premises licenses to be used in the cloud

Enhanced performance without tuning

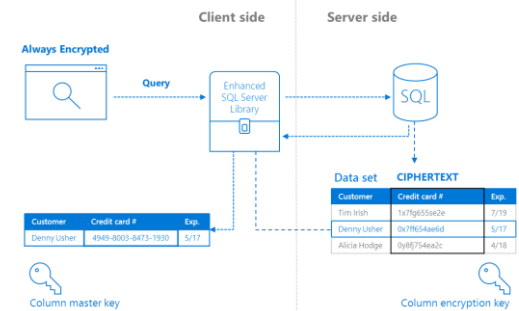


Speed query performance without tuning using **Adaptive Query Processing** and **Automatic Plan Correction**

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

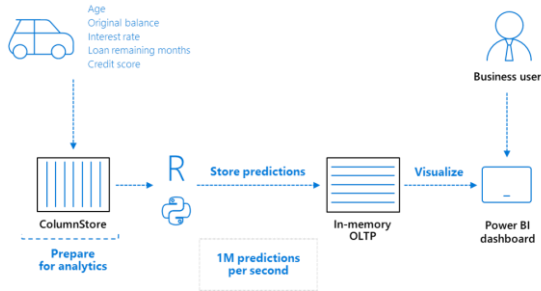
Protect data at rest, in motion and in use



Fewest NIST vulnerabilities¹ over last 7 years

Encrypt data at rest and in use with **Always Encrypted** and **Transparent Data Encryption (TDE)**
Dynamic Data Masking conceals sensitive data
 Control access to database rows with **Row-Level Security**

Advanced Analytics at up to 1M predictions/second

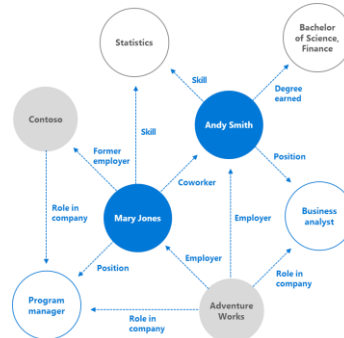


Bring scalable, high performance and parallelized **R** and **Python-based analytics** to where your data lives

Native scoring in T-SQL for analytics in near real time

Advanced **Machine Learning algorithms** with GPUs

Gain new insights with support for diverse data

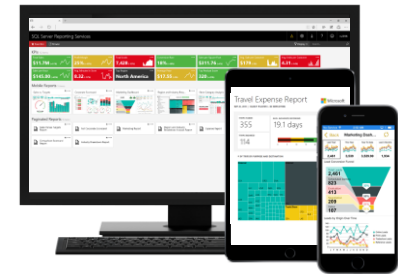


Store and analyze highly interconnected data and relationships with **graph data support**

PolyBase enables easy querying across SQL Server and data stored in Hadoop

Hadoop combined with **SQL Server** provides value and insight from data lakes

Rich, interactive reports on any device



Rich visualizations using enhanced Reporting Services

Mobile Reporting on iOS, Windows and Android mobile devices

Get the updated **Report Viewer** as a free developer component

¹National Institute of Standards and Technology Comprehensive Vulnerability Database update 2017.