Azure SQL Data Warehouse

Harness the power of data with a fast, familiar and secure analytics platform

Today's data-driven world requires a new kind of data warehouse solution. Azure SQL Data Warehouse is a high-performance, secure, and compliant platform which provides enterprise-grade performance while leveraging existing SQL and BI skillsets.

UNLIMITED SCALE

Make your data go further with limitless scale and performance

- Massively Parallel Processing to quickly run complex queries on any scale
- Industry leading query performance and concurrency
- Scale to thousands of cores in minutes

ELASTIC AND EXTENSIBLE

Optimize performance and lower costs by scaling compute & storage independently

- Performance tiers optimized for elasticity or compute
- Approximately 10x the value of traditional solutions
- Pause and resume your data warehouse when you want

TRUSTED AND RELIABLE

Count on enhanced security features and industry-leading compliance

- Secure your valuable data in a governed data repository
- Advanced security features in every tier
- 99.9 percent availability across 33 global regions and 20+ government and industry certifications
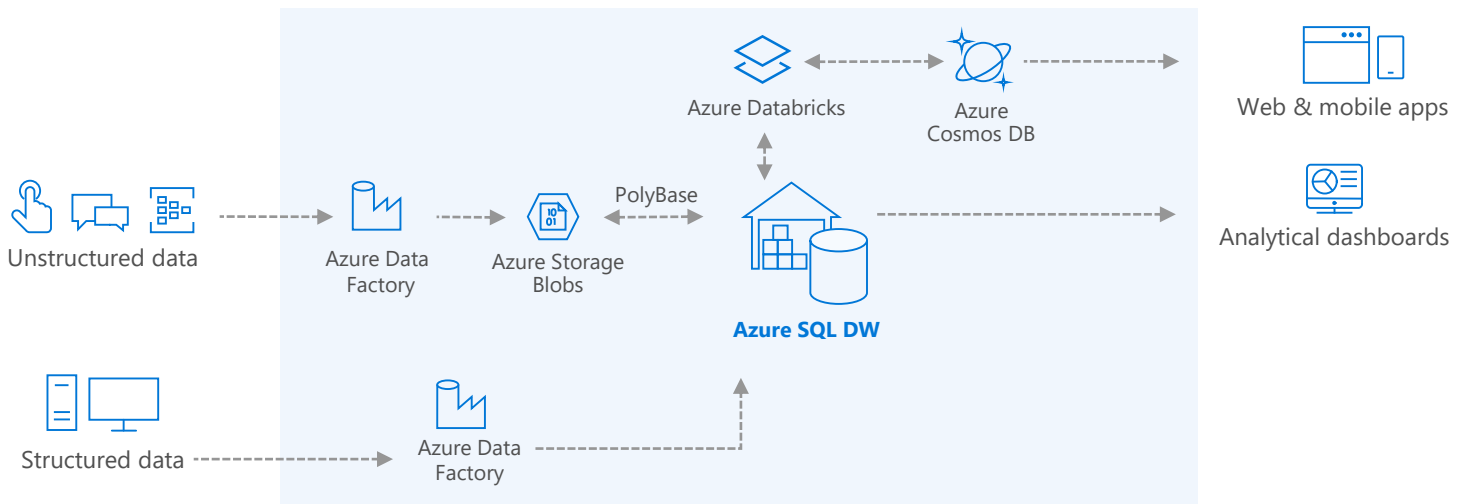
SEAMLESS INTEGRATION

Leverage compatibility with Microsoft and leading third party apps

- Create a hub for your data estate and use Azure Functions to build a serverless data warehouse
- Compatibility with leading third party integration and BI vendors
- Drive analytics on structured, unstructured and streaming data

THE HUB FOR DATA ANALYTICS

Azure Databricks

Azure Cosmos DB

Web & mobile apps

Unstructured data

Azure Data Factory

Azure Storage Blobs

PolyBase

Azure SQL DW

Analytical dashboards

Structured data

Azure Data Factory

Customers accomplish more thanks to Azure SQL Data Warehouse

"With Azure SQL Data Warehouse, we use PolyBase to ingest data from Azure HDInsight then run thousands of analytical queries per day over tens of billions of records—about 20 TB of data."[1]

—Jet.com

"We switched from Amazon Redshift [to Azure SQL Data Warehouse] …for the simple reasons of saving money and enabling a more straightforward implementation for advanced analytics."[2]

—Integral Analytics

"We really like the ability to pause and resume Azure SQL Data Warehouse, which is a cost-effective way to run queries. It also delivers the scalability and performance we need."[3]

—Toshiba

100% SQL-compatible cloud data warehouse service for fast loading and querying of relational data

Azure is the only consistent hybrid cloud on the market, with 90% of the Fortune 500 trust the Microsoft Cloud

SQL Data Warehouse is built on SQL Server, the industry's top performing SQL engine with the most comprehensive support for SQL language

Get started with Azure SQL Data Warehouse today!

1. Learn common practices of SQL Data Warehouse

2. Understand successful loading patterns and strategies

3. See how to migrate data to Azure SQL Data Warehouse

4. Read about common partner application patterns

5. Follow @AzureSQLDW on Twitter for the latest news

[1] https://azure.microsoft.com/en-us/services/sql-data-warehouse/
[2] https://customers.microsoft.com/en-us/story/integral-analytics-switches-to-azure-for-high-performance-and-cost-effective-data-warehousing
[3] https://customers.microsoft.com/en-us/story/toshiba

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