

Get low latency transactions and real-time analytics with IBM Db2

The cloud-native database engine built for the world's mission-critical workloads.



To support fast insights, you need a flexible data ecosystem that's agile enough to deliver data anywhere it's needed, anytime it's needed. The IBM team believes in making applications and analytics secure, resilient, scalable and real-time; the IBM Db2® database engine provides end-to-end management of transactional, operational and analytical data—across any cloud.

Here's how data pros are running IBM Db2 in the cloud:

Build more, manage less

Simplify database administration and maintenance with Db2 deployed as a fully managed service on AWS or IBM Cloud®, Kubernetes container with built-in operators, or infrastructure as a service. Db2 is a single engine built for any workload. Seamlessly move data from your Db2 database to a data warehouse for analytics, while you save time and money on additional resources and new skillsets.

“Db2 has been one of the most reliable, versatile solution for database management systems. The data storage / backup, replication and availability features of Db2 are unmatched.”

[Software developer, Manufacturing](#)

Govern your data and share with confidence

Protect your most sensitive data located in the cloud, hybrid, or on premises. Strengthen security when you grant access, and distribute data among users and third parties without data duplication.

“The Db2 on Cloud service is truly reliable. It improves business process agility. It helps to improve compliance and risk management.”

[DBA, Insurance industry](#)

Enable real-time, price-performant analytics

Experience Db2's in-memory data warehouse, which is designed for complex analytics workloads and price-performance at scale. Manage operational costs of your database with elastic scale and a cloud-native architecture that's based on object storage.

“Db2 has been a great solution for our analytics databases (warehouses), the features enabled for this kind of solution have helped out in terms on performance, storage and user experience.”

[DBA, IT Services](#)

90%

Reduction in reporting time on sales data for all stores nationwide for Valor Holdings.¹

7-figure

cost reduction and 20-30% performance improvements for Owens-Illinois when migrating from Oracle to Db2.²

~400%

more users supported with IBM Db2 pureScale® to run Puma's 24/7 mission-critical operations.³

Bring cloud data to ML models

Create, evaluate and predict with high-performance machine learning models directly inside your cloud data warehouse. Have the freedom to query data the way you wish with Db2's data lake integration and support for open data formats.

“Db2 supports a lot of data types including images, videos and audio files. High availability and performance is delivered... and find the configurations easy to optimize.”

[Software developer, Manufacturing](#)

Develop cloud-native apps

Power your data-intensive apps and services with a cloud-native database that's built for high concurrency, flexible scaling and low-latency transactions.

“Db2 on Cloud enables me to access my data efficiently. Easy setup for developers to use the cloud services.”

[Senior software architect, IT services](#)

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1. Statistic provided by [Valor Holdings](#) to IBM, externally referenced 90% reduction in reporting time on sales data for all stores nationwide in Japan.
2. Statistic provided by [Owens-Illinois](#) to IBM, externally referenced 7-figure cost reduction and 20-30% performance improvements.
3. Statistic provided by [Puma](#) to IBM, externally referenced supporting 300-400% more users by enabling Db2 with Db2 pureScale compared to previously running Db2 without pureScale.

