



EDB Postgres® AI: Analytics Accelerator

**Get rapid insights from your operational data
and take action with agentic analytics**



The challenge: The high cost of data complexity

Enterprises struggle to gain rapid insights across siloed data. Many want to overcome this with a single data store such as Postgres, but historically, that has come with slow, row-based querying and resource bottlenecks that disrupt business continuity. This leads organizations to invest in separate transactional and analytical systems that require complex maintenance. However, this fragmented approach exacerbates data silos and hinders responsiveness to market demands. In addition, specialized analytics stores are often proprietary, which further amplifies challenges by restricting flexibility, increasing costs, and impeding the adoption of modern data strategies.

The solution: Better, faster analytics with sovereign control

EDB Postgres AI Analytics Accelerator turns Postgres into a columnar analytics database with lakehouse integration. Now, you can make faster decisions more efficiently with rapid insights from operational data without compromising performance or requiring complex infrastructure. By enabling queries across the modern lakehouse ecosystem from your sovereign, secure Postgres foundation, EDB Postgres AI eliminates data silos and future-proofs your data strategy so you can unlock even more insights and greater productivity with agentic analytics.

- **Operational data, unlocked:** EDB Postgres AI empowers rapid insights from your latest operational data by enabling 30x faster queries directly on transactional systems, while protecting business continuity with separate analytics compute resources and automatic storage optimization.
- **Sovereign control:** EDB Postgres AI simplifies data management while preserving enterprise confidence and control by federating governance and query execution across the lakehouse ecosystem from your sovereign, secure Postgres environment.
- **Modern, open foundation for agentic analytics:** With an open source Postgres foundation and interoperability across the modern data landscape, EDB Postgres AI gives you the flexibility to adapt to the latest technologies—like combining artificial intelligence and business intelligence (AI-BI) in powerful analytics agents.

Analytics Accelerator: Combine fast queries, storage optimization, and open ecosystem integrations to maximize value

Accelerate quality insights from operational data, powered by an analytics engine for Postgres that enables 30x faster queries with vectorized execution over columnar formats such as Apache Iceberg and Delta Lake. Improve performance, reduce costs, and protect business continuity with automatic storage optimization for hot and cold data. Quickly adopt AI-BI innovations by modernizing from closed source data warehouses such as Greenplum® to the open core EDB Postgres AI platform—escaping vendor constraints while preserving existing investments.

- **Analytics Engine:** Query operational data 30x faster than standard Postgres while eliminating extract, transform, and load (ETL) pipelines with a vectorized query engine optimized for columnar data formats such as Iceberg and Delta tables.
- **Lakehouse Connector:** Manage queries and governance across the lakehouse ecosystem—including Databricks and Snowflake—from your sovereign Postgres environment. Optimize costs and performance by automatically offloading cold transactional data to lakehouse tables in economical storage for up to 18x cost savings.
- **WarehousePG and Support for Greenplum Workloads:** Modernize Greenplum data warehouses with 24x7 support and secure distribution of WarehousePG, an Apache-licensed drop-in replacement that lets you reclaim open source innovation without new skills or infrastructure.

Key benefits

- **Faster insights from operational data:** Gain 30x faster revenue-driving insights from your latest operational data while breaking down data silos and eliminating ETL pipelines.
- **Upgraded availability for data teams and infrastructure:** Improve operational efficiency and free up valuable data team resources with simplified data management. Protect business continuity with high availability, automatic storage optimization, and dedicated compute.
- **Lakehouse modernization in a sovereign environment:** Adapt to the changing data landscape with an open core platform that preserves strict governance in your sovereign, secure Postgres environment while integrating with the modern lakehouse ecosystem.
- **Continuous innovation with analytics agents:** Bridge the gap between legacy systems and modern AI-BI such as agentic analytics with an open analytics foundation, AI Factory, and integrations across the data landscape—including Oracle and existing data warehouse and lakehouse investments.

Key use cases

- **Omni-data platform:** Unify structured, semi-structured, and unstructured data for rapid insights and on-demand workloads with the EDB Postgres AI multi-model data platform. [Learn More »](#)
- **Customer 360:** Obtain rapid, comprehensive customer insights with all your business data unified in EDB Postgres AI. [Learn More »](#)
- **Dynamic analytics:** Accelerate insights and reduce costs by efficiently analyzing and managing both hot and cold data. [Learn More »](#)

Hear from our customers

“EDB Postgres AI has turbocharged our data warehouse, slashing query runtimes by 50–90%.”

– Dan Merzlyak, SVP, Global Head of Data, Analytics, and AI at EDB

[Read the Case Study »](#)

“We’re excited to be working with EDB Postgres AI. Its Support for Greenplum Workloads is helping us maintain control of where and how we deploy open source software.”

– Grigoriy Zeleniy, Global CTO of Euronext FX

Learn more

[Web page:](#) Analytics Accelerator

[Web page:](#) Lakehouse Connector

[Web page:](#) Support for Greenplum Workloads

[On-demand webinar:](#) How EDB Eliminated Its Own Data Silos with EDB Postgres AI

[Blog:](#) Unleashing AI with PostgreSQL: What Is a Lakehouse?

[Video:](#) What Is a Lakehouse?

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About EDB Postgres AI

EDB Postgres AI is the first open, enterprise-grade sovereign data and AI platform, with a secure, compliant, and fully scalable environment, on premises and across clouds. Supported by a global partner network, EDB Postgres AI unifies transactional, analytical, and AI workloads, enabling organizations to operationalize their data and LLMs where, when, and how they need it.

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