Develop a secure, flexible data strategy and architecture to empower users across the organization to tap into diverse data and power business insights while applying real-time analytics and machine learning (ML) techniques. Harness data to its full potential—from ingesting, storing, and accessing data to analyzing, visualizing, and predicting data in all forms. Achieve all of this without requiring specialized data warehouse management experience.

Amazon Redshift

Meet your data users where they are

What they can do

Regardless of skill level, get started in a few clicks. Power decisions by analyzing data across data warehouses, operational databases, and data lakes. Create and train ML models using familiar SQL. Securely share data across departments or regions. Build data systems and applications with as much flexibility and granular controls as required.

Delivering business value

2x to 7x better price performance on high-concurrency and low-latency real-world analytics

Billions of predictions every week right within your data warehouse

3,500+ third-party datasets in the data marketplace

Amazon Redshift uses SQL to analyze structured and semi-structured data across data warehouses, operational databases, and data lakes. AWS-designed hardware and machine learning deliver the best price performance at any scale.

Amazon Redshift

Access databases, data warehouses, and data lakes

Data marketplace with thousands of third-party datasets

Data

- Transactional data
- Clickstream
- IoT telemetry
- Application logs

Insights

- Analyze and visualize data
- Deliver real-time and predictive analytics
- Build data-driven applications