

Document

Document databases are designed to store semi-structured data as documents and are intuitive for developers to use because the data is typically represented as a readable document.

Used for: Content management, personalization, and mobile applications.

[AWS Offering](#)

- **Amazon DocumentDB (with MongoDB compatibility)**

Key-value

Key-value databases are optimized to store and retrieve key-value pairs in large volumes and in milliseconds, without the performance overhead and scale limitations of relational databases.

Used for: Internet-scale applications, real-time bidding, shopping carts, and customer preferences.

[AWS Offering](#)

- **Amazon DynamoDB**

Relational

Relational databases store data with pre-defined schema and relationships between them, designed for supporting ACID transactions, maintaining referential integrity, and data consistency.

Used for: Traditional applications, ERP, CRM, and e-commerce.

[AWS Offerings](#)

- **Amazon Aurora**
MySQL, PostgreSQL
- **Amazon RDS**
MySQL, PostgreSQL, MariaDB, Oracle, SQL Server
- **Amazon Redshift**