



DataBase

SQL vs NOSQL

NonSql

SQL

Non-relational
databases
that store and
manage data
in a non-
tabular format

Relational
databases
that store and
manage data
in tables with
rows and
columns

Mongo DB

A document database
that stores data in JSON-like
documents.

Flexible and scalable, making it a good
choice for applications with large and
complex datasets.

Popular use cases include real-time
analytics, social media, and e-
commerce.

SQL

A structured query language (SQL) database that stores data in tables with rows and columns.

ACID compliant, ensuring data integrity and consistency.

Popular use cases include online banking, accounting, and customer relationship management (CRM).

MongoDB VS SQL

| Feature | MongoDB | SQL |
|-----------------|---|---------------------------------|
| Data model | Document | Relational |
| Schema | Flexible | Strict |
| Scalability | Horizontal | Vertical |
| ACID compliance | No | Yes |
| Use cases | Real-time analytics, social media, e-commerce | Online banking, accounting, CRM |