| **Feature** | **MySQL** | **MongoDB** |
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| Data model | Relational, table-based | Non-relational, document-based |
| Schema | Strict, predefined | Flexible, dynamic |
| Query language | SQL | MongoDB Query Language |
| Scalability | Vertical | Horizontal |
| Data relationships | Enforced through foreign keys | Not enforced |
| Joins | Supported | Not supported |
| ACID compliance | Fully supported | Eventual consistency by default |
| Indexing | Indexes on columns | Indexes on fields or embedded documents |
| Data validation | Strict, pre-defined | Flexible, dynamic |
| Storage | Less flexible | More flexible |
| Use case | Highly structured data | Unstructured, rapidly changing data |
| Examples | Banking, e-commerce | Social media, IoT, content management |