



SQL & NoSQL Databases



SQL Databases



MySQL – An open-source relational database management system (RDBMS) that uses SQL. It is widely used in web applications and is owned by Oracle Corporation.

PostgreSQL – An open-source object-relational database management system (ORDBMS) that uses SQL. It is known for its robustness, scalability, and extensibility.

Oracle – A proprietary RDBMS owned by Oracle Corporation. It is known for its performance, reliability, and security features.

Microsoft SQL Server – A proprietary RDBMS owned by Microsoft. It is used in enterprise-level applications and offers integration with Microsoft's other products.

MariaDB – A community-developed fork of the MySQL relational database management system.

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SQL Databases



Amazon Relational Database Service (RDS) – A managed SQL database service by Amazon Web Services (AWS) that supports multiple engines including MySQL, PostgreSQL, Oracle, and SQL Server.

Google Cloud SQL – A managed SQL database service by Google Cloud Platform (GCP) that supports MySQL, PostgreSQL, and SQL Server.

Azure SQL Database – A managed SQL database service by Microsoft Azure that provides a relational database service based on the latest stable version of Microsoft SQL Server database engine.

NoSQL Databases



MongoDB – An open-source document-oriented NoSQL database that uses JSON-like documents. It is known for its flexibility and scalability.

Cassandra – An open-source distributed NoSQL database designed for handling large amounts of data across multiple commodity servers. It is used in high-availability systems and big data applications.

Redis – An open-source in-memory data structure store that can be used as a database, cache, and message broker. It is known for its speed and low latency.

Couchbase – An open-source NoSQL database that offers high-performance key-value and document-oriented storage.

Apache HBase – An open-source distributed NoSQL database that provides random access and real-time read/write access to large datasets. It is used in big data applications.

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NoSQL Databases



Amazon DynamoDB – A fully managed NoSQL database service offered by Amazon Web Services (AWS). It is known for its scalability and availability, and offers seamless integration with other AWS services.

Google Cloud Firestore – A fully managed NoSQL document database service by Google Cloud Platform (GCP) that supports real-time data synchronization and offline data access for web, mobile, and IoT applications.

Azure Cosmos DB – A fully managed NoSQL database service by Microsoft Azure that provides a globally distributed, multi-model database service that supports document, key-value, graph, and column-family data models.