SQL Database



Database





SQL Databases are categorized as Relational Database Management System (RDBMS).

NoSQL databases are categorized as Non-relational or distributed database system.



SQL databases have fixed or static or predefined schema.

NoSQL databases have dynamic schenaa.



SQL databases display data in form of tables so it is known as table-based database.

NoSQL databases display data as collection of key-value pair, documents, graph databases or widecolumn stores.



SQL databases use a powerful language "Structured Query Language" to define and manipulate the data.

In NoSQL databases, collection of documents are used to query the data. It is also called unstructured query language. It varies from database to database.



SQL databases are best suited for complex queries.

NoSQL databases are not so good for complex queries because these are not as powerful as SQL queries.



SQL databases are not best suited for hierarchical data storage.

NoSQL databases are best suited for hierarchical data storage.



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Hootsuite, CircleCI, Gauges

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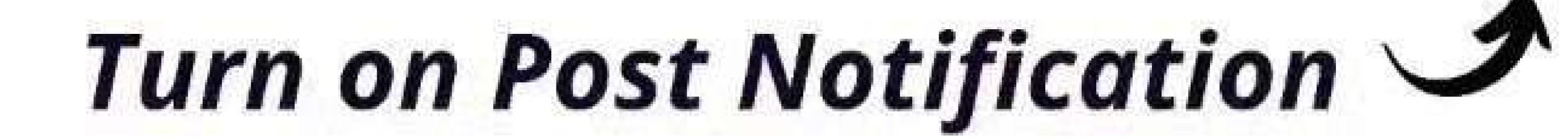
Airbnb, Uber, Kickstarter



MySQL, Oracle, Sqlite, PostgreSQL and MS-SQL etc. are the example of SQL database.

MongoDB, BigTable, Redis, RavenDB, Cassandra, Hbase, Neo4j, CouchDB etc. are the example of nosql database





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