

Relational database (SQL database)

Data structure	tables and tuples
Query language	SQL
Inconvenient	not-optimized for big data analysis
Advantage	complex queries
Technology	<i>PostgreSQL, MySQL, MariaDB, SQLite, MSSQL</i>

NoSQL database

Data structure	key/value pairs
Query language	API style
Inconvenient	not adequate for complex queries
Advantage	optimized for big data analysis
Technology	<i>MongoDB, Redis, CouchDB, NeDB</i>