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QUESTION:

Difference between NoSQL and SQL.

NoSQL

NoSQL (non SQL or not only SQL) developed in the 2000s. Emphasis on scaling, fast queries, allowing for frequent application changes and making programming simple for developers . Actually it is a class of database management system (dbms) which is seen to as a non relational, I general it doesn’t make use of SQL

NoSQL database permit alternative structures, often along side each other, allowing more flexibility.

NoSQL database uses master-slave form of architecture which scales better horizontally having more nodes or servers.

NoSQL technologies are being adopted quickly, but communities remain smaller and more fractured.

SQL

SQL (structured query language) is seen as a programming language which is used to relate with relational database. This relational database actually models data as records in rows and tables and have logical links between them.

SQL tend to restrict it users from working within a predefined tabular schema and it requires more attention in other to be able to be organized also understand the data before it is used.

SQL database can be scaled vertically by increasing the processing power of existing hardware

SQL database represent massive communities, stable databases, and proven standards