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ABSTRACT

NoSQL (Not only SQL) is a database used to store large amounts of data. NoSQL databases are distributed, non-relational, open source and are horizontally scalable (in linear way). NoSQL does not follow property of ACID as we follow in SQL. In this research paper, we are surveying about NoSQL, its background, fundamentals like ACID, BASE and CAP theorem. Also on the basis of CAP theorem, study is carried out about the various types of NoSQL data stores with their examples, characteristics, and pros and cons of NoSQL.

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