

Nosql Data Management





Introduction to NoSQL

What is NoSQL?

- NoSQL is non-relational database management system.
- A NoSQL database provides a mechanism for storage and retrieval of data that is modeled in means other than the tabular relations used in relational databases.
- It is a type of Non-Relational Database system.
- It follows CAP theorem rather than ACID properties of RDBMS.



Need of NoSQL

- Explosion of Social media sites (FaceBook, Twitter etc) resulting in generation of large data of different formats and size.
- Rise of Cloud based technologies like Amazon Web Services (AWS), Google cloud and Microsoft Azure
- Expansion of Open source communities.

