Souhaib Lessons

DATABASE: SQL VS NOSQL

first step to know the differences

Introduction

MongoDB

MongoDB is a document database with the scalability and flexibility that you want with the querying and indexing that you need

SQL

SQL is Structured Query Language,it's a standard language for accessing databases and it's the standard language for Relational Database System.

- SQL data bases are relational

- NoSQL databases are non-relational

predifined vs dynamic

- SQL databases use structured query language and have a predefined **schema**

- NoSQL databases have dynamic **schemas** for unstructured data

- SQL databases are vertically scalable

- NoSQL databases are horizontally scalable

DataBases Structure

- SQL databases are table-based

- NoSQL databases are document, key-value, graph, or wide-column stores

Advantages

SQL databases are better for multi-row transactions

NoSQL is better for unstructured data like documents or JSON