

MODULE 4

4.1 - INTRODUCTION TO MONGODB

SQL (Structured Query Language)

- Data is stored in tables.
- Schema is **required** to determine the data structure.
- Advantage: confidence in the structure of our data.
- Disadvantage: change is difficult.



NoSQL

- Data can be stored in many ways.
- Has **dynamic** schema (or no schema at all).
- Advantage: easily changeable data structure.
- Disadvantage: flexibility requires additional checks in source code.
- Great choice for high competition & fast evolving apps.



MongoDB

- NoSQL database system that stores data in JSON-like documents.
- Can be installed locally or set up in cloud with a database-as-a-service (DBaaS) platform.



DBaaS

- No maintenance.
- Out of the box security.
- Scalability and high availability.

