

# YoungWonks

## CHEATSHEET

### MongoDB

Open source NoSQL database developed by MongoDB Inc. that stores data in JSON like documents

Each record is stored as a document inside a collection

Uses MongoDB Query Language (MQL) to perform database operations

Documents with different number of key-value pairs can exist inside the same collection

Data is replicated for backup and high availability

Offers flexibility since the documents can have different number of key-value pairs

### MySQL

Open source relational database management system (RDBMS) developed by Oracle that uses tables to store data

Each record is stored as a row inside a table

Uses Structural Query Language (SQL) to perform database operations

Each table has a pre-defined structure and the data rows cannot have different number of columns

Replication of data is avoided

Does not offer flexibility because of the rigid structure of tables