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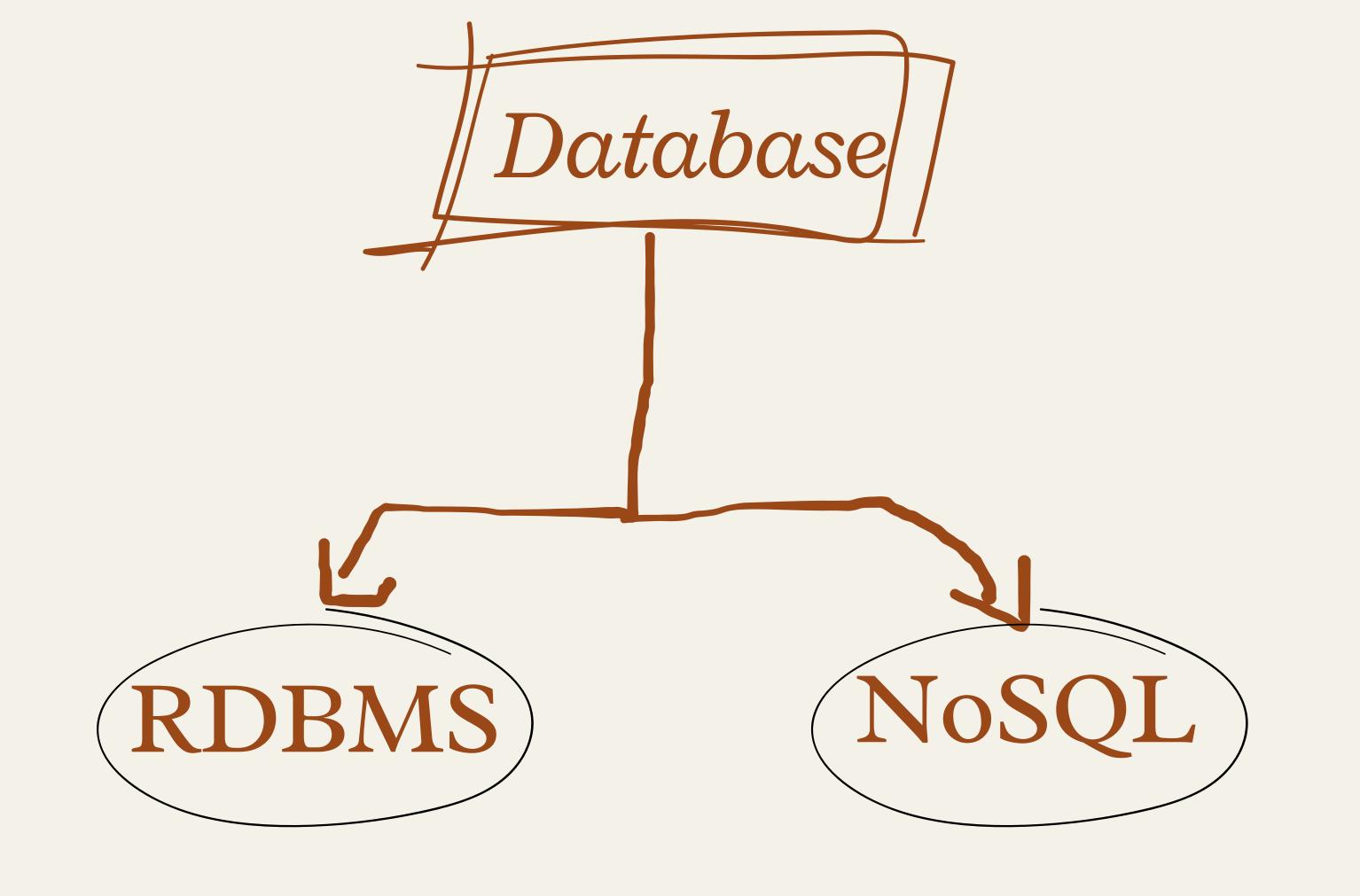




Table Format

Requires a schema

Uses FK

Supports Joins

No sharding

Can scale vertically

JSON Format

No prior schema

Does not use FK

Does not support joins

Support sharding

Both vertically and horizontally

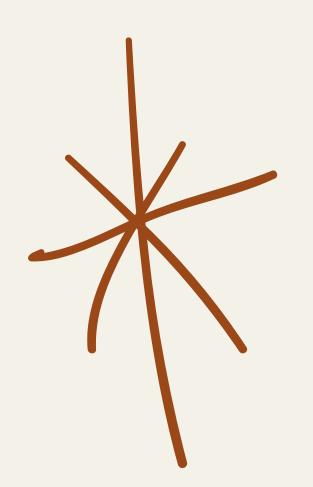


If requires the multi-row transaction and have structured data use **RDBMS**

For real-time analytics, IoT, and unstructured data use NoSQL.

Some examples of RDBMS and NoSQL

Ovacle
MySQL
PostgveSQL
SQLite



MongoDB Dynamo DBOvacle NoSQL Cassandra DB Redis

Data Types in MongoDB



String

Integer

Double

Boolean

Array

Null

Object

Undefined

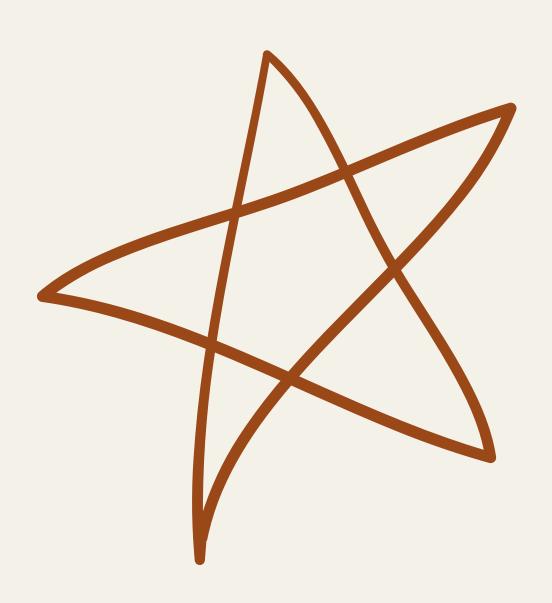
Some terminologies in MongoDB

Collection

Document

Object

Key-value pair



Mostly used operations in MongoDB

Create

```
db.createCollection()
db.collection.insertOne()
db.collection.insertMany()
```

Read

db.collection.find()
db.collection.findOne()

Update

db.collection.updateOne() db.collection.updateMany() db.collection.replaceOne()

Delete

db.collection.deleteOne()
db.collection.deleteMany()

