MongoDB

NoSQL Database

www.mongodb.com

What is MongoDB?

- A Document-Oriented Database
- A Document is a **JSON content**

In **SQL Databases** ->

we save text content in **Structured Tables**

In **MongoDB** ->

we save **Structured JSON**

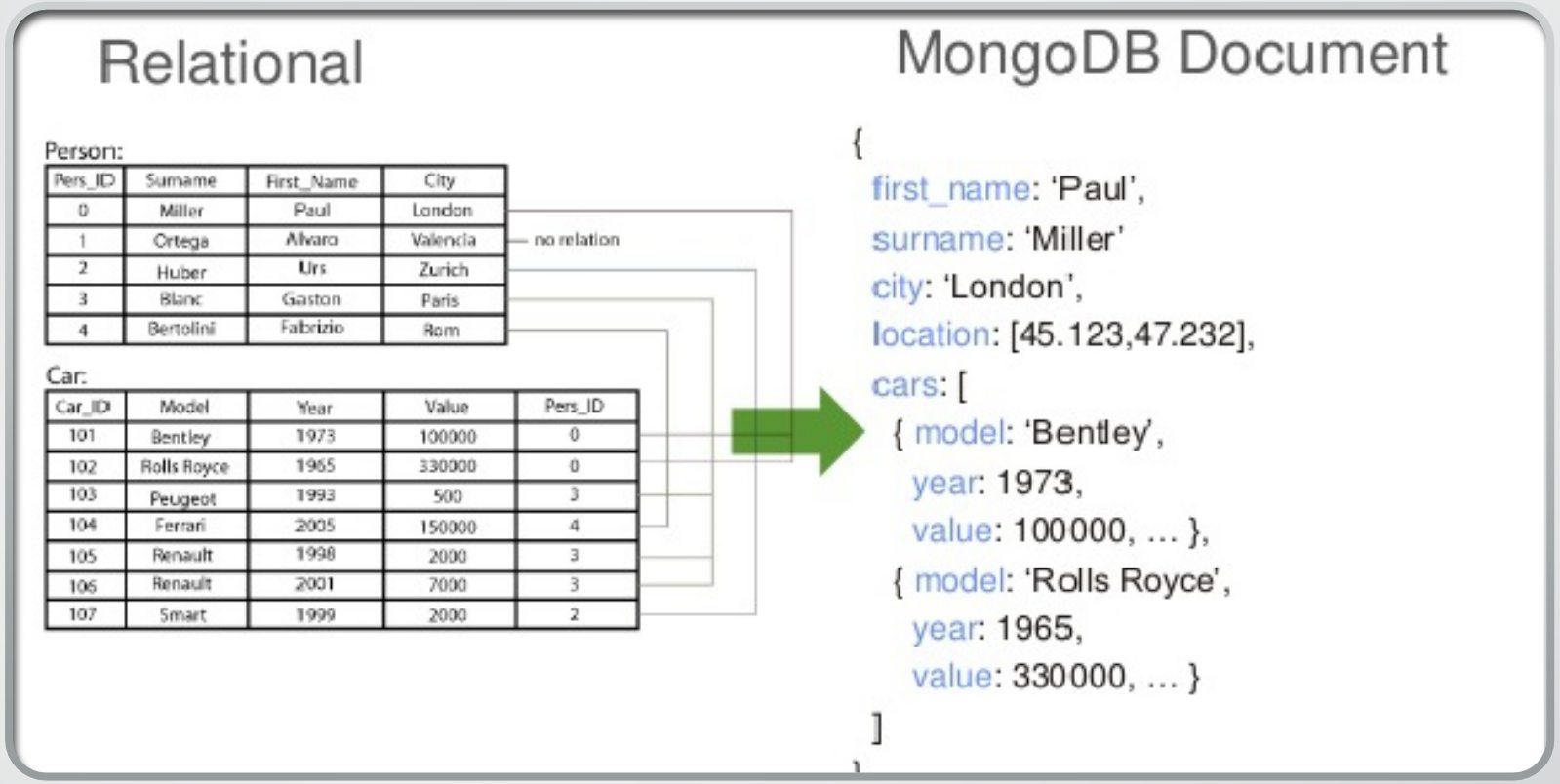
NoSQL vs SQL: The Major Differences

SQL

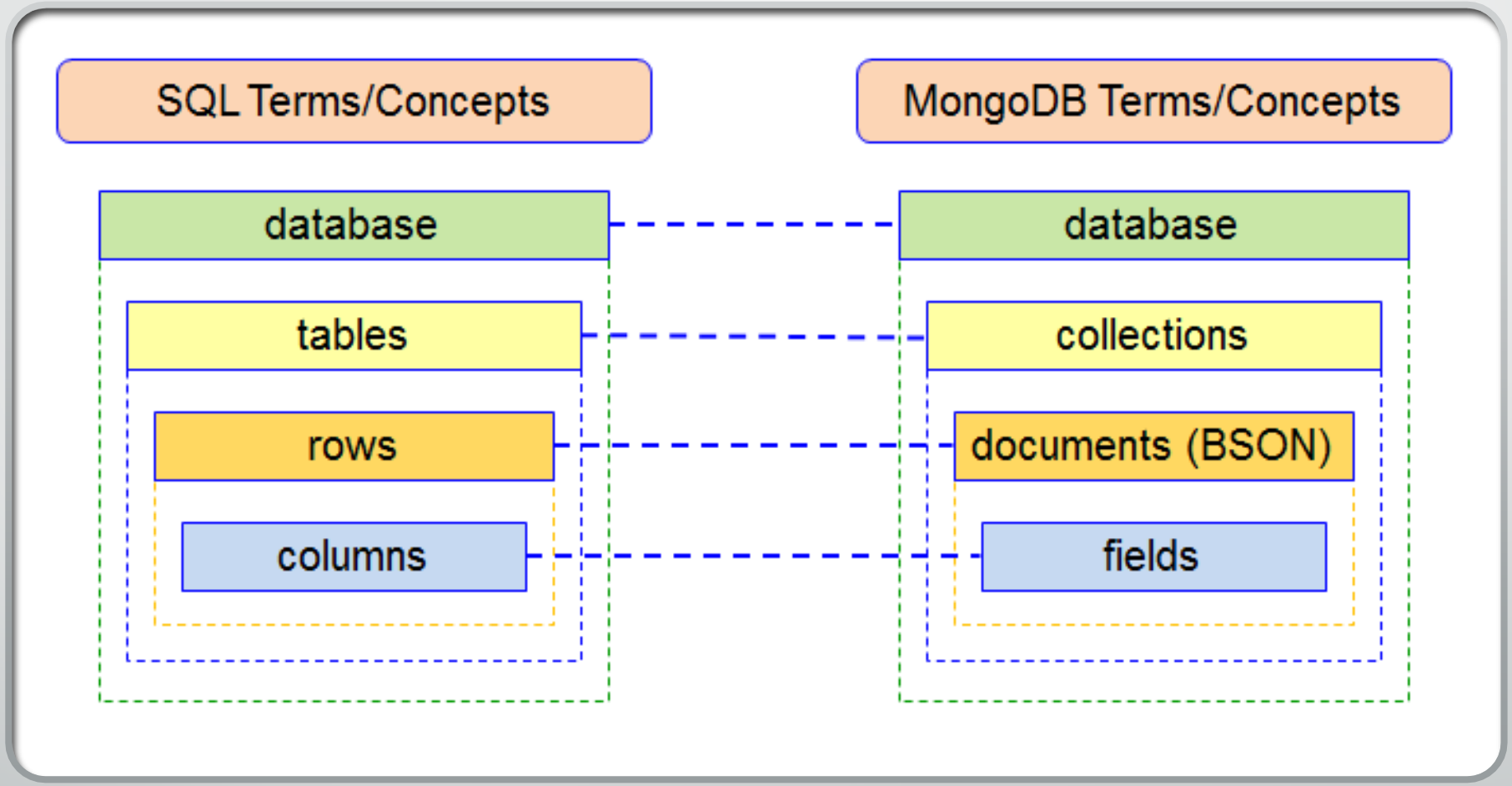
- Individual records are stored as rows and tables
- Structured and data types are fixed in advance.
- To store information about a new data ítem, the entire database must be altered

NoSQL

- Document databases do away with the table-and-row model altogether, storing all relevant data together in a single "document"
- Records can add new information on the fly, and unlike SQL table rows, dissimilar can be stored together as necessary



Data Models: Relational to Document


SQL Terms/Concepts
MongoDB Terms/Concepts
database
tables
rows
columns
database
collections
documents (BSON)
fields

Who Uses MongoDB

- Google
- Facebook
- Adobe
- NBCUniversal
- Verizon
- Forbes
- Department of Veteran Affairs
- And Much More. See: https://www.mongodb.com/who-uses-mongodb

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