

# MongoDB

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**MongoDB** is a powerful **NoSQL database** known for its **flexible, document-oriented storage** that is ideal for handling **large-scale, complex data**.



# MongoDB Atlas

A cloud base solution:

<https://www.mongodb.com/atlas>



# MongoDB Compass

A GUI for data visualisation

<https://www.mongodb.com/products/tools/compass>



# MongoDB Shell

Shell for command-line operations

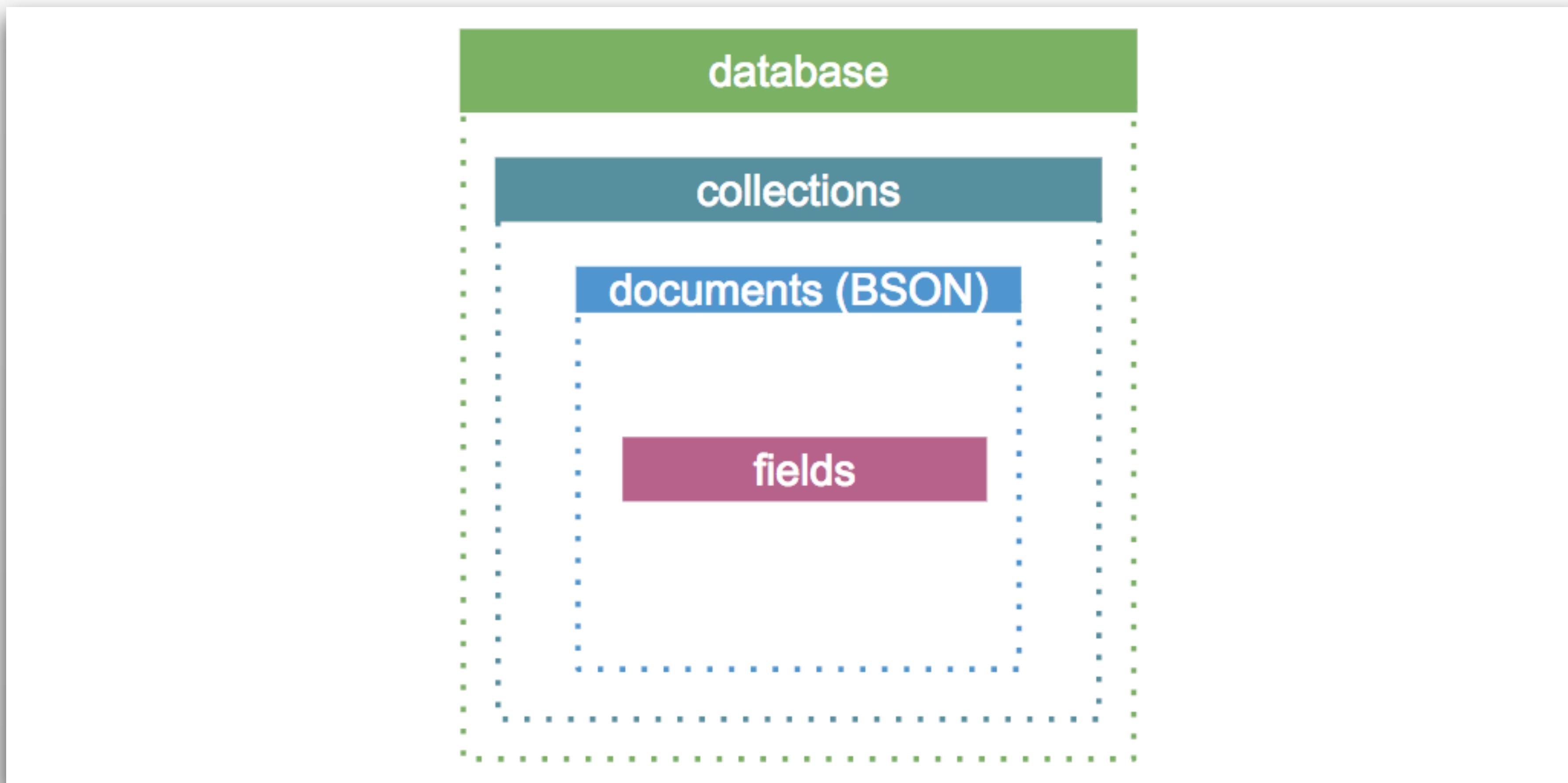


# DataTypes in MongoDB

MongoDB supports various data types including string, integer, double, boolean, arrays, objects, dates, and null.



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# Let's practice

1. Download MongoDB Compass
2. Create a **Database**
3. Create a **Collection**
4. Create a **Document**



# Check for understanding

1. What is an ObjectId?
2. What is the difference between Field, Document and Collection?
3. What values can a Boolean field take?