

MANGODB

MongoDB is a document database with the scalability and flexibility that you want with the querying and indexing that you need. It has been built on a scale-out architecture that has become popular with developers of all kinds for developing scalable applications with evolving data schemas. As a document database, MongoDB makes it easy for developers to store structured or unstructured data.

- **Structured Data:** The information is typically organized in a specific format, often using tables with rows and columns. This makes it easier to search, filter, and analyze the data
- **Database Management System (DBMS):** This is the software that acts like the filing cabinet manager. It allows you to store, retrieve, update, and manage all the data within the database.
- **Data Types:** Databases can hold various kinds of information, including text, numbers, images, videos, and more



Fig: A SIMPLIFIED FIGURE OF DATABASE

- The picture above of the medical shop represents an organized system for storage.
- "It takes time to store, but once it is arranged, it is ready to use easily."

- What if we don't have database!!



- Every tablet shown in the picture is dumped in one place.
- "If we ask for a particular tablet, we have to wait a day because it's unorganized."

❖ SQL VS NOSQL

