

Training Day 18

TOPICS COVERED

- **MongoDB Atlas**

MongoDB Atlas is a cloud-based database service provided by MongoDB. It allows developers to host, monitor, and scale their MongoDB databases without worrying about the underlying infrastructure.

Key Features:

Fully managed and secure

Global cloud deployment

Built-in backup and monitoring

Easy integration with your apps

Steps to Use MongoDB Atlas:

Sign up at <https://www.mongodb.com/cloud/atlas>

Create a new Cluster

Add a Database User and set a password

Whitelist your IP address to allow access

Connect using the provided connection string in your Node.js backend.

- **MongoDB Compass**

MongoDB Compass is the official GUI (Graphical User Interface) for MongoDB. It helps visualize and manage your data easily.

Key Uses:

View databases and collections

Create, read, update, and delete (CRUD) documents

Build queries visually

Analyze schema structures

How to Use:

Download Compass from <https://www.mongodb.com/try/download/compass>

Paste your MongoDB Atlas connection string to connect

Interact with your database in a user-friendly way

- **Nodemon**

Nodemon is a utility that automatically restarts your Node.js server whenever you make file changes.

Why use Nodemon?

Improves development efficiency

No need to stop and restart the server manually.