# COURSE MAP

## NOSQL DATABASE USING MONGODB



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# COURSE - DAILY

- **Objective**
- **Topics List**
- **Lab Discussion**
- **Folder**
  - **Lecture (PDF)**
  - **Lab**
  - **Source (Application Setup Needed)**
  - **Other Data / Resources**
  - **Recording**
- **Rules**
  - **Questions**
  - **Interruption**
  - **Break**

# DAY 1

- **Objective** :
  - Understand **Different between SQL and NoSQL**
  - Understand **Database Types** and **Their Differences**
  - Learn How to **Choose the Appropriate Database**
  - Gain Proficiency in **JSON**
  - Perform **CRUD** Operations (Create, Read, Update, Delete)

# DAY 2

- **Objective** :
  - Deep Dive into **Read/Find Operations** Using MongoDB Operators
  - Explore Advanced **Update Operations** in MongoDB
  - **Data Aggregation Using MongoDB Aggregation Pipeline** (Advanced Data Operations)

# DAY 3

- **Objective** :
  - Database **Performance Techniques**: Using **Indexes**
  - Handle **Dynamic Data** Using **Variables** and **For-Each Loops**
  - **Backup** and **Restore** Databases
  - Commonly Used **Built-in Functions**