

## MongoDB

### Introduction to MongoDB

- No SQL Database
- Advantage over RDBMS
- MongoDB Data Types
- Install MongoDB
- MongoDB Data Modeling

### MongoDB Operators

- Query & Projection Operator
- MongoDB Update Operator
- Aggregation Pipeline Stages
- MongoDB limit()
- MongoDB sort()
- Query Modifiers

### Database Commands

- Aggregation Commands
- Geospatial Command
- Query and Write Operation Commands
- Query Plan Cache Commands
- Authentication Commands
- User Management Commands
- Role Management Commands
- Replication Command
- Sharding Commands
- Session Commands

## Database

- Create Database
- Drop Database

## Collection

- Create Collection
- Drop Collection

## CRUD : Documents

- Inset Documents
- Update Documents
- Delete Documents
- Query Documents
- SQL to MongoDB Mapping
- MongoDB text search
- Partial Updates & Document Limits
- Removing Documents
- Multi Update
- Upsert
- Wire Protocol
- Bulk() Operations and Methods
- Common Commands
- db.runCommand()
- db.isMaster()
- db.serverStatus()
- db.currentOp() & db.killOp()
- collection.stats() & collection.drop()

## MongoDB Shell

- MongoDB Shell
- Shell Collection Methods
- Cursor Method
- MongoDB Database Commands
- Query Plan Cache Methods

- User Management Method
- Role Management Method
- MongoDB Replication Methods

## **MongoDB Cloud**

- MongoDB Stitch
- MongoDB Atlas
- MongoDB Cloud Manager
- MongoDB Ops Manager

## **MongoDB Tools**

- MongoDB Compass
- MongoDB BI connector

## **Connectivity**

- Java MongoDB
- PHP MongoDB
- Python MongoDB