Mongo DB
Course Content

Mongo DB

- Mongo DB is an open-source database management system which uses a document oriented database model that supports various forms of data.
- It stores data in flexible, JSON type documents or BSON where fields can vary from document to document as well as data structure can also be changed over a time.

Prerequisites to Learn Mongo DB

- Basics of programming fundamentals
- Good understanding of Database

Training from Industrial Experts

Hands on Practicals/ Projects

100% Placement Assistance

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Certification of Completion

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We Provide

One To One Training	Developer Training	Faculty Training	Corporate Training	Onsite Training
Online Training	Weekend Training	Workshop	Seminar	Crash Course

Mongo DB Training Includes

- Theory & Practical Session

- Real-time Practice

- Exclusive Materials

- Course Completion Certificate

- Support

Introduction

- What is NoSQL?
- Why NoSQL?
- Difference Between RDBMS and NoSQL Databases
- Features of MongoDB
- Benefits of MongoDB
- Types of MongoDB
- Key-Value Database
- Document Database
- Column-Based Database
- Schema Design and Modeling

Setup

- Env setup.
- Installation of MongoDB on windows and Unix OS.
- Start MongoDB
- Stop MongoDB
- MongoDB Help

Basic Operations in MongoDB

- Create Database
- Drop Database
- Create Collection
- Drop Collection
- Data Types
- Insert Document/Record
- Update Document/Record
- Delete Document/Record
- Retrieving the documents
- Projection in MongoDB
- Batch Insert in MongoDB
- Ordered Bulk Insert and Unordered Bulk Insert
- Inserts: Internals and Implications
- Specify Equality Condition
- $in, "AND" Conditions
- $or Operator
- Specify AND/OR Conditions
- Regular Expression
- Array Exact Match
- Array Projection Operators
- $Where Query
- Cursor
- Pagination
- Advance query option
- $SET
- $Unset and $inc Modifiers
- $Push and $addToSet
- Positional Array Modifications

Admin Guide - Part 1 - Basic

- JSON
- BSON
- MongoDB Structure
- Document Store Example
- MongoDB as a Document Database
- Transaction Management in MogoDB
- Easy Scaling
- Secondary Indexes
- Replication
- Memory Management
- Replica Set
- Auto Sharding
- Aggregation and MapReduce
- Collection and Database

Admin Guide - Part 2 - Indexing and Aggregation

- Introduction to Indexing
- Types and Properties of Index
- Sort Order
- Text Indexes
- Text Search
- Index Creation
- Index Creation on Replica Set
- Remove, Modify, and Rebuild Indexes
- Listing Indexes
- Measure Index Use
- Control Index Use
- Index Use Reporting
- Geospatial Indexes
- MongoDB's Geospatial Query Operators
- Aggregation
- Pipeline Operators and Indexes
- Aggregate Pipeline Stages
- apReduce
- Aggregation Operations

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Our Reviews

Average Rating

★ ★ ★ ★ ★   4.9

JustDial   280 Reviews

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