Mindluster Platform

About the course MongoDB

Course Presenter : ProgrammingKnowledge

MongoDB course, provides a complete introduction to working with one of the most popular NoSQL databases used in modern applications. This course explains how MongoDB stores data using flexible, document-based structures and how it differs from traditional relational databases. You will learn how to create databases and collections, insert and query documents, and manage data efficiently using MongoDBâ€™s powerful query and indexing features. The course also covers data modeling best practices, aggregation pipelines, and basic performance optimization techniques. In addition, you will explore how MongoDB integrates with backend technologies such as Node.js and RESTful APIs. By the end of the course, you will be able to design scalable data models, handle large datasets, and build fast, flexible, and reliable applications using MongoDB in real-world projects. ProgrammingKnowledge

Computer Science Category's Courses

Course Lesson(49)

Lesson 1 :
MongoDB Tutorial In 6 haurs Full MongoDB Course MongoDB Tutorial for Beginners 2026

Lesson 2 : **Advanced MongoDB Grouping Multi Stage and Multi Field Aggregations**

Lesson 3 : **MongoDB Conditional Logic How to Use cond and Expressions in Aggregation**

Lesson 4 : **MongoDB Masterclass How to Use out to Save Aggregation Results**

Lesson 5 : **MongoDB Joins Made Easy How to Use lookup and unwind**

Lesson 6 : **Master MongoDB Data Analysis How to Use min max and addFields**

Lesson 7 : **Master MongoDB Aggregations Using sum avg and count for Data Analysis**

Lesson 8 : **Master MongoDB Pagination How to Use skip in Aggregation Pipelines**

Lesson 9 : **Master MongoDB Monitoring How to Use db stats and db serverStatus**

Lesson 10 : **MongoDB Aggregation How to Use sort and limit for High Performance**

Lesson 11 : **How to Export and Import Data in MongoDB**

Lesson 12 : **How to Use project in MongoDB**

Lesson 13 : **How to Backup and Restore MongoDB**

Lesson 14 : **Master MongoDB Aggregation How to Use match and group Guide**

Lesson 15 : **How to Download MongoDB Database Tools Set Environment Path Guide**

Lesson 16 : **How to Handle MongoDB Validation Errors Catch Failures Debug Guide**

Lesson 17 : **Introduction to MongoDB Aggregation Pipeline Beginner Guide**

Lesson 18 : **MongoDB Schema Validation Validate String Patterns Numeric Ranges Guide**

Lesson 19 : **Speed Up MongoDB Queries Indexing Best Practices The ESR Rule Guide**

Lesson 20 : **MongoDB Text Search Tutorial text Operator Search Scores Guide**

Lesson 21 : **MongoDB Schema Validation Lock Down Your Data Create Modify Rules**

Lesson 22 : **MongoDB Advanced Indexing Compound Unique and Text Indexes Guide**

Lesson 23 : **Build a Real World MongoDB Aggregation Pipeline E commerce Analytics Project**

Lesson 24 : **MongoDB Indexing Guide How to Create View and Drop Indexes Tutorial**

Lesson 25 : **MongoDB Tutorial 25 How to Optimize MongoDB Queries Using Indexes**

Lesson 26 : **MongoDB Tutorial 24 How to Skip Results and Project Fields in MongoDB**

Lesson 27 : **MongoDB Tutorial 23 How to Sort and Limit Query Results in MongoDB**

Lesson 28 : **MongoDB Tutorial 22 How to Query Null and Missing Fields in MongoDB**

Lesson 29 : **MongoDB Tutorial 21 MongoDB Array Queries all vs elemMatch Easy Guide**

Lesson 30 : **MongoDB Tutorial 20 MongoDB regex Operator Find Text Like SQL LIKE**

Lesson 31 : **MongoDB Tutorial 19 MongoDB Element Operators exists type Easy Guide**

Lesson 32 : **MongoDB Tutorial 18 MongoDB Query Operators in nin expr Easy Guide**

Lesson 33 : **MongoDB Tutorial 17 Master MongoDB Logical Operators and or not Easy Guide**

Lesson 34 : **MongoDB Tutorial 16 MongoDB Comparison Operators gt lt gte lte Easy Guide**

Lesson 35 : **MongoDB Tutorial 15 How to Use Equality eq and Inequality ne Operators in MongoDB**

Lesson 36 :
MongoDB Tutorial 14 How to Perform Complete CRUD Operations in MongoDB Example

Lesson 37 : **MongoDB Tutorial 13 How to Use CRUD Operations in MongoDB Compass GUI Guide**

Lesson 38 :
MongoDB Tutorial 12 How to Handle MongoDB CRUD Operations With Validation Errors

Lesson 39 : **MongoDB Tutorial 11 How to Work With Nested Documents and Arrays in MongoDB**

Lesson 40 : **MongoDB Tutorial 10 How to Use Bulk Write and Upserts in MongoDB**

Lesson 41 :
MongoDB Tutorial 9 How to Perform Delete Operations in MongoDB deleteOne vs deleteMany

Lesson 42 : **MongoDB Tutorial 8 How to Perform Update and Replace Operations in MongoDB**

Lesson 43 : **MongoDB Tutorial 7 How to Perform Read Operations in MongoDB find vs findOne**

Lesson 44 : **MongoDB Tutorial 6 MongoDB Create Operations insertOne vs insertMany**

Lesson 45 : **MongoDB Tutorial 5 Insert View Your First MongoDB Document Easy Guide**

Lesson 46 : **MongoDB Tutorial 4 Manage MongoDB Databases Collections Create List Drop**

Lesson 47 : **MongoDB Tutorial 3 Connect to MongoDB With Compass GUI FAST Easy First Steps**

Lesson 48 : **MongoDB Tutorial 2 Setup MongoDB PATH Connect with Mongo Shell Windows Guide**

Lesson 49 : **MongoDB Tutorial 1 How to install MongoDB 8 on Windows 11**

Related courses

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Bubble Sort

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Random Access Memory

Binary Trees

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