

MongoDB Essentials

Learn the essentials of MongoDB, a popular NoSQL database, and gain the skills needed to build scalable and flexible applications.

Category: Networking · Duration: 3 days

WHO IT IS FOR

- Developers and DBAs who work with data every day
- Beginners welcome: no prior experience required

This comprehensive training program covers the fundamental concepts of MongoDB, including data modeling, querying, indexing, and aggregation. Participants will also learn about MongoDB's features for scalability, replication, and high availability. By the end of the course, attendees will be able to confidently work with MongoDB and utilize its strengths to build efficient and robust applications.

Prerequisites

Basic understanding of database concepts and familiarity with a programming language.

Syllabus

- Introduction to MongoDB
- Installing and Configuring MongoDB
- CRUD Operations in MongoDB
- Data Modeling with MongoDB
- Querying and Indexing
- Aggregation Framework
- Replication and High Availability
- Scaling MongoDB
- Performance Optimization
- Security and Authentication
- Backup and Recovery
- MongoDB Tools and Utilities
- Hands-on Exercises and Projects