

Learn MongoDB From Scratch

Modality: On Demand

Duration: 3 Hours

This MongoDB online course has been designed for web developers, web designers, web architects, testers, site administrators, and pretty much anyone who already has a working knowledge of web development. Although it's not vital, knowing how to build web UI components and a familiarity with NoSQL persistence will help. This course is absolutely not limited to developers only, however, the goal is to provide a solid foundation of MongoDB knowledge. To get you up and running on building your own web apps with MongoDB at their core, and to help you understand the capabilities, functionality and limitations of what this database can do.

You'll learn how to configure and run MongoDB, start importing data, and then quickly get stuck into creating new databases. You'll pick up Mongo Query Language commands and dive into one of MongoDB's most powerful features, the Aggregation Framework. You'll work through detailed examples to gain an understanding of the various pieces of the puzzle, all the while learning about this database's scaling, replication, and sharding abilities.

By the end of this course, those examples you've been working on will all fit together to form a complete, working web application that's fully integrated with MongoDB. And not only that, you'll have the confidence, knowledge and practice needed to start working on your own MongoDB projects straight away.

Course Objectives:

- Gain an in-depth understanding of MongoDB's capabilities
- Learn how MongoDB can be used for web app design, development, testing and more
- Set up a powerful development environment with an online IDE
- Explore the impressive MongoDB Aggregation Framework
- Build a complete web application fully integrated with MongoDB

Course Outline:

- Course Introduction
- Set Up Our Project
- Start with Queries and Operations
- Model New Entities
- Indexing MongoDB
- MongoDB Aggregation Framework
- Replication & Sharding
- Our Web App
- Course Outro
- Appendix