M102: MongoDB for DBAs

Units	Topics	Effort
Week 1: Introduction & Overview	Introduction to Mongo, concepts, installing Mongo	Lecture Videos: 2.5 hours Homework: 2-4 hours
Week 2: CRUD	Creating, reading and updating data	Lecture Videos: 1.5 hours Homework: 2-4 hours
Week 3: Advanced Queries	Query conditionals and introduction to the Aggregation Framework	Lecture Videos: 1.75 hours Homework: 2-4 hours
Week 4: Availability	Configuring and monitoring replica sets	Lecture Videos: 4 hours Homework: 2-4 hours
Week 5: Performance	Optimizing, monitoring, and understanding	Lecture Videos: 2.5 hours Homework: 2-4 hours
Week 6: Scalability	Sharding setup, sharding monitoring, shard key selection, inserting large amounts of data	Lecture Videos: 1.5 hours Homework: 2-4 hours
Week 7: Backup and Recovery	Security, backups and restoring for backups	Lecture Videos: 1 hour

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