

Week 1	Introduction: Overview, Design goals for MongoDB, the Mongo shell, JSON quick intro, installing tools, overview of blog project. Maven, Spark, Freemarker.
Week 2	Creating, Reading and Updating Data: Mongo shell, query operators, update operators and a few commands.
Week 3	Schema Design: patterns, case studies and tradeoffs
Week 4	Performance: Using indexes, monitoring and understanding performance. Performance in sharded environments. Write performance.
Week 5	Aggregation framework: Goals, the use of the pipeline, comparison with SQL facilities.
Week 6	Application engineering: Drivers, impact of replication and sharding on design and development.
Week 7	Case studies from the field