

# MongoDB Training Agenda

## Day 1 - Operations Training Part I

### 1. MongoDB Introduction

- What is MongoDB and Why?
  - Core concepts
  - Environments
  - Documentation
- Different deployment models
- JSON
- Installation

### 2. CRUD and the MongoDB shell

- Introduction to the MongoDB API and the core concepts of documents and collections

### 3. Replication

- Overview
- Setting up replica sets

## Day 2 - General Training Part II

### 5. Sharding

- Overview
- Setting up sharding

### 7. Performance Troubleshooting

- Getting information about MongoDB
- Performance indicators

### 8. Monitoring

- Typical monitoring setup.
- How to integrate with custom monitoring solutions.
- Red flags - what to watch for.

### 9. Backups and Recovery

- mongodump based approaches
- File system/storage level approaches
- Tradeoffs

### 10. Additional topics as time/interest permits