

# Apache Cassandra

# Topics

- Introduction
- Data Modeling
- Querying
- Administration
- Development
- DevOps

# Introduction

- Overview
- Architecture
- Compare with Other Database

# Data Modeling

- Data Model
- Denormalization Strategies



# Querying

- Cassandra Query language - CQL
- Query Optimization
- Advanced CQL Features

# Administration

- Cluster Setup and Configuration
- Monitoring and Troubleshooting
- Backup and Recovery

# Development

- Client Drivers
- Data Consistency and Durability
- Performance Optimization

# DevOps

- Integrating with DevOps Tools