Next Level Kafka

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Key Features

- Build efficient real-time streaming applications in Apache Kafka to process data streams of data
- Master the core Kafka APIs to set up Apache Kafka cluster and start writing message producers and consumers
- A comprehensive guide to help you get a solid grasp of the Apache Kafka concepts in Apache Kafka with practical examples

What You Will Learn

- Learn the basics of Apache Kafka from scratch
- Use the basic building blocks of a streaming application
- Design effective streaming applications with Kafka using Spark & Storm
- Understand the importance of a low-latency , high-throughput, and fault-tolerant messaging system
- Make effective capacity planning while deploying your Kafka Application

Labs

1. Introduction to Messaging Systems (No Lab)
2. Introducing Kafka the Distributed Messaging Platform
3. Writing a Producers & Kafka Consumer in Java
4. Deep Dive into Kafka Producers & Consumers
5. Building Spark Streaming Applications with Kafka
6. Building Storm Applications with Kafka
7. Using Kafka with Confluent Platform
8. Building ETL Pipelines Using Kafka
9. Building Streaming Applications Using Kafka Streams
10. Kafka Cluster Deployment
11. Working with Protobuf in Apache Kafka
12. Securing Kafka
13. Streaming Application Design Considerations