

# Kafka – Course Outline

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## 1 Duration

- 2 days

## 2 Course Outline

- Distributed Messaging Overview
- Introduction to Kafka
- Need, Benefits and Use Cases
- Core Concepts of Kafka
- Kafka Architecture
- Installation and Configuration
- Kafka Components - Consumers, Producers and Brokers
- Zookeeper Overview
- How it works
- Kafka API
- Kafka Connect
- Kafka Streams
- Sample programs to produce and consume messages
- Troubleshooting, Monitoring and Best Practices