



Confluent Developer Skills for Building Apache Kafka

In this three-day hands-on course you will learn how to build an application that can publish data to and subscribe to data from an Apache Kafka® cluster. You will learn the role of Kafka in the modern data distribution pipeline, discuss core Kafka architectural concepts and components, and review the Kafka developer APIs. In addition to Kafka, Kafka Connect, and Kafka Streams, the course also covers other components in the broader Confluent Platform, such as the Schema Registry, the REST Proxy, and KSQL.

Audience

This course is designed for application architects, developers and data scientists who need to interact with Kafka clusters as a source of, or destination for, data.

Pre-Requisites

Attendees should be familiar with developing professional apps in Java (preferred), .NET C# or Python. No prior knowledge of Kafka is required.

Topics Covered

- The Motivation for Apache Kafka
- Kafka Fundamentals
- Kafka's Architecture
- Developing with Kafka
- More Advanced Kafka Development
- Schema Management in Kafka
- Kafka Connect for Data Movement
- Basic Kafka Installation and Admin
- Kafka Stream Processing