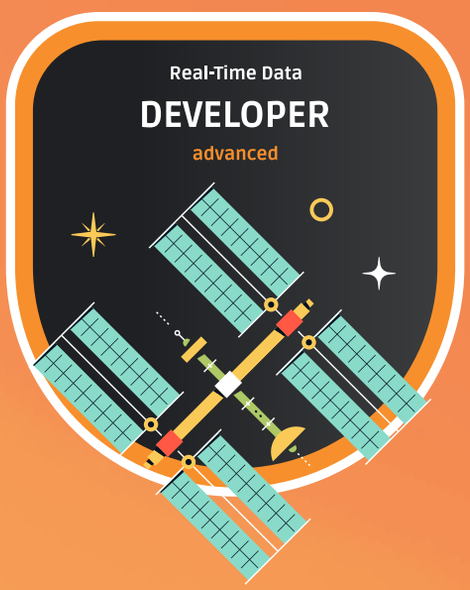
CERTIFIED PARTICIPANT

TEILNAHMEZERTIFIKAT

BY DataFlow ACADEMY



Apache Kafka for Developers

Kurs

26. - 28. Februar 2025

Datum

Simon Kufner

Name

Unterschrift

Fortgeschritten

Developer

Training

FRESH FUEL FOR DEVELOPERS

Day 1: "Hello World" with Kafka

We will learn the basic concepts of Kafka development and discover how to develop performant and reliable applications in the coding challenges.

FOKUS

How do we produce and consume messages? Producer and consumer; first programming challenges

How do we develop reliable and fast applications Performance tuning and transactions

What are the important tools? Introduction to all relevant development tools

Day 2: Stream Processing with Kafka Streams

In the numerous labs of the day, we develop services based on Kafka Streams: from simple stateless operations to complex services with local state.

FOKUS

How do we connect Apache Kafka to third-party systems? Kafka Connect; development of own connectors

How do we develop using Kafka Streams? How do we transform Kafka from a simple message queue to a full-fledged streaming platform?

Day 3: Ready for production

Based on what we have learned in the first two days, we will look at the components necessary for successful development, fluency and how to support our operators in production with Kafka.

FOKUS

Patterns & Best Practices How can we make our Kafka life easier, and which tools already exist?

Kafka applications in production What to look out for and how can developers and administrators sleep soundly at night?

Kurs abgeschlossen

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CommIT to flow

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