CERTIFIED PARTICIPANT

TEILNAHMEZERTIFIKAT

BY DataFlow ACADEMY



Apache Kafka Fundamentals

Kurs

12. - 13. Mai 2025

Datum

Jan Labuschewski

Name

Unterschrift

Basis

Fundamentals

Training

THE LAUNCH PAD FOR YOUR SUCCESS

Day 1: Hello Kafka

We discover Apache Kafka and learn how to use it successfully. We cover the basics so that the participants can apply the new skills immediately after the training.

FOKUS

Why Kafka? Motivation for Kafka and common use cases.

What do we transport with Kafka? Message types and topics.

Kafka as a distributed Log: Logs, distributed systems, Kafka components, Kafka as a streaming platform.

How does Kafka achieve its performance? Partitions and consumer groups.

Day 2: Understanding and using Kafka

Building on what we learned on the first day we deepen our knowledge and experience with Kafka. We learn how Kafka really achieves reliability and scalability and how to optimize our Kafka cluster.

FOKUS

What happens inside clients and brokers? Producing and consuming messages

How does replication work? Persisting messages; understanding Data and file structures

How to delete old data? Cleanup Data; Log retention and compaction

Insights into the Kafka ecosystem: Establishing connection to other systems like databases and external systems with Kafka Connect?

Kurs abgeschlossen

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CommIT to flow

https://dataflow.academy/en/certificate/jan-labuschewski-

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