CERTIFIED PARTICIPANT

TEILNAHMEZERTIFIKAT

BY DataFlow ACADEMY



Kafka Connect Workshop

Kurs

04. - 07. November 2025

Datum

Fabian Lingk

Name

Unterschrift

Fortgeschritten

Connect

Training

KAFKA CONNECT WORKSHOP

Day 1: Connect third-party systems over Kafka

The participants learn how to connect third-party systems over Kafka. They learn about the architecture, deployment, different Source-Connectors and Change Data Capture with Debezium.

FOKUS

Architecture & Deployment: Overview of target architectures and effective use of Kafka and Kafka Connect.

Source-Connectors: Use of Connectors like FilePulse Connector and JDBC-Connector to connect various data sources.

Change Data Capture with Debezium: Real-time capture of changes and use cases.

Day 2: Data transformations in Kafka

The participants learn how to transform data from Kafka into different data targets. They learn about the architecture, deployment, different Sink-Connectors and Data Transformation.

FOKUS

Sink Connectors: Transfer of data from Kafka to cloud systems, databases, files, and messaging systems.

Data Manipulation and Conversion: Techniques for data manipulation and use of converters in Kafka.

Stream Processing: Use of Kafka Streams for real-time data processing, differences to Flink, and use of Flink SQL.

Day 3: Connect in production

The participants learn how to connect third-party systems over Kafka. They learn about the architecture, deployment, different Source-Connectors and Change Data Capture with Debezium.

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Additional Integrations: Producer & Consumer, REST Proxy.

Operational Best Practices: Methods and tools for operating and monitoring Kafka Connect.

Final Project: Application of learned knowledge in a real-world data integration and streaming scenario.

Kurs abgeschlossen

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CommIT to flow

https://dataflow.academy/en/certificate/fabian-lingk-

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