



# Confluent/Kafka Learning Resources

## Download

- [Confluent Platform Download](#)

## Confluent Enterprise and Confluent Cloud

- [Confluent Platform Features & Benefits](#)
- [Confluent Cloud Standard and Dedicated](#)
- [Confluent Platform Connectors](#)

## Learning Material

### Watch & Listen

- [Streaming Audio: a Confluent podcast about Apache Kafka](#)
- [Upcoming and Previous Online Talks](#)
- [Kafka Summit San Francisco 2018](#)
- [Kafka Summit London 2018](#)
- [Kafka Summit San Francisco 2019](#)
- [Kafka Summit Londo 2019](#)

### Read

- [Confluent Documentation](#)
- [Apache Kafka Documentation](#)
- [Designing Event Driven Systems eBook](#)
- [Making Sense of Stream Processing eBook](#)
- [Kafka: The Definitive Guide eBook](#)
- [I Heart Logs eBook](#)

### Hands on

- [Confluent Github Examples](#)
- [Confluent Github Demos](#)

Many more resources from our website can be found [here](#)

## Whitepapers

- [Confluent Platform Reference Architecture](#)
- [Disaster Recovery for Multi-Datcenter Apache Kafka Deployments](#)
- [Comparing Confluent Platform with Traditional Messaging Middleware](#)
- [Microservices in the Apache Kafka Ecosystem](#)

## Professional Services

- <https://www.confluent.io/services/>

## Training

- [Public Training Schedule](#)
- [Developer Training Datasheet](#)
- [Operations Training Datasheet](#)

## Community Support

- **Slack group:** <https://slackpass.io/confluentcommunity>
- **Mailing list:** <https://groups.google.com/forum/#!forum/confluent-platform>

## Blog Posts

### Microservices and Kafka

- [Part 1: The Data Dichotomy: Rethinking the Way We Treat Data and Services](#)
- [Part 2: Build Services on a Backbone of Events](#)
- [Part 3: Using Apache Kafka as a Scalable, Event-Driven Backbone for Service Architectures](#)
- [Part 4: Chain Services with Exactly-Once Guarantees](#)
- [Part 5: Messaging as the Single Source of Truth](#)
- [Part 6: Leveraging the Power of a Database ‘Unbundled’](#)
- [Part 7: Building a Microservices Ecosystem with Kafka Streams and KSQL](#)

### Pipelines

- [Part 1: The Simplest Useful Kafka Connect Data Pipeline in the World...or Thereabouts](#)
- [Part 2: The Simplest Useful Kafka Connect Data Pipeline in the World...or Thereabouts](#)
- [Part 3: The Simplest Useful Kafka Connect Data Pipeline in the World...or Thereabouts](#)
- [KSQL in Action: Real-Time Streaming ETL from Oracle Transactional Data](#)
- [No More Silos: How to Integrate Your Databases with Apache Kafka and CDC](#)
- [Building a Real-Time Streaming ETL Pipeline in 20 Minutes](#)

- [The Future of ETL Isn't What It Used To Be](#)
- [Yes, Virginia, You Really Do Need a Schema Registry](#)
- [Pipeline to the Cloud – Streaming On-Premises Data for Cloud Analytics](#)
- [On Track with Apache Kafka – Building a Streaming ETL Solution with Rail Data](#)

### **Stream Processing**

- [Part 1: Streams and Tables in Apache Kafka: A Primer](#)
- [Part 2: Streams and Tables in Apache Kafka: Topics, Partitions, and Storage Fundamentals](#)
- [Part 3: Streams and Tables in Apache Kafka: Processing Fundamentals with Kafka Streams and ksqlDB](#)
- [Part 4: Streams and Tables in Apache Kafka: Elasticity, Fault Tolerance, and Other Advanced Concepts](#)

### **Persisting data in Kafka**

- [It's Okay To Store Data In Apache Kafka](#)
- [Handling GDPR with Apache Kafka: How does a log forget?](#)
- [Publishing with Apache Kafka at The New York](#)

### **Exactly-Once Semantics (EOS) and Transactions in Kafka**

- <https://www.confluent.io/blog/exactly-once-semantics-are-possible-heres-how-apache-kafka-does-it/>
- <https://medium.com/@jaykreps/exactly-once-support-in-apache-kafka-55e1fdd0a35f>

### **Kafka and Machine Learning**

- [Streaming Machine Learning with Tiered Storage and Without a Data Lake](#)
- <https://www.confluent.io/blog/build-deploy-scalable-machine-learning-production-apache-kafka/>
- <https://www.confluent.io/blog/predicting-flight-arrivals-with-the-apache-kafka-streams-api/>
- <https://www.oreilly.com/ideas/apache-kafka-and-the-four-challenges-of-production-machine-learning-systems>

Many more blog posts can be found at <https://www.confluent.io/blog/>