

Kafka Course



Files

- The **course files** can be found [here](#).

The **course files zip** has **Kafka** and **Confluent (Schema Registry, etc.)** already installed.

Lab files

Every lab folder has a `README.md` with instructions on how to complete the lab, and a `solution` folder with a working version of the lab for reference. Please use the README.md and solution folder as a guide to completing the labs.

Lab Instructions

The latest instructions for the labs can be found below.

1. [Lab 1](#) Basic Kafka
2. [Lab 1.2](#) Understanding Failover
3. [Lab 2](#) Writing a simple Java Producer
4. [Lab 3](#) Writing a simple Java Consumer
5. [Lab 6.1](#) Advanced Consumer
6. [Lab 6.2](#) Position Consumer in Topic Log
7. [Lab 6.3](#) At-Most-Once and At-Least-Once Semantics
8. [Lab 6.4](#) Exactly-Once message semantics
9. [Lab 6.5](#) Thread per consumer
10. [Lab 6.6](#) Consumer with worker threads
11. [Lab 6.7](#) Priority queue with consumer.assign
12. [Lab 7.1](#) Avro
13. [Lab 7.2](#) Schema Registry
14. [Lab Protobuf](#) Working with Protobuf
15. [Lab Consumer Types & Error Handling](#) Consumer Types & Error Handling