

Developing Event-Driven Applications with Apache Kafka and Red Hat AMQ Streams (AD482)

Course Outline

Designing Event-Driven Applications

Describe the principles of event-driven applications.

Introducing Kafka and AMQ Streams Concepts

Build applications with basic read-and-write messaging capabilities.

Building Applications with the Streams API

Leverage the Streams API to create data streaming applications.

Creating Asynchronous Services with Event Collaboration

Create and migrate to asynchronous services using the event collaboration pattern.

Integrating Data Systems with Kafka Connect

Connect data systems and react to data changes using Kafka Connect and Debezium.

Troubleshooting AMQ Streams Applications

Handle common problems in Kafka and AMQ Streams applications.