

A dimly lit, top-down view of a person's hands typing on a laptop keyboard. The person is wearing a light-colored t-shirt and several beaded bracelets on their wrists. To the right of the laptop is a black smartphone. In the foreground, a pair of black-rimmed glasses and a notebook with handwritten notes are visible on a light-colored surface. The overall atmosphere is focused and professional.

Kafka Streams API

Quick Start

Kafka Streams API

What is Kafka Streams?

- Kafka Client Library.
- Available in Java.
- Deploy client Applications on single machine or Containers.
- Scale horizontally and vertically both.
- Transparent, automatic load balancing and fault tolerance.

Kafka Streams API

Kafka Streams - Alternatives

- Streams DSL
- Processor API

Kafka Streams API

Problem Statement

Create Kafka Streams application to do following

- Read a stream from Kafka Cluster
- Print key/value pair on console