

# Corso Apache Kafka



**innova**  
formazione  
Informatica Specialistica

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Innovaformazione, scuola informatica specialistica eroga formazione per le aziende. Nell'offerta formativa trovate il Corso Apache Kafka. Kafka è la piattaforma di streaming di eventi distribuita open-source. E' un sistema di messaggistica istantanea con la gestione in tempo reale di migliaia di operazioni sia in scrittura che in lettura. Viene impiegato per la progettazione di applicazioni per lo streaming in tempo reale. Rientra quindi nell'ambito Big Data.

Durata di 32 ore con calendario personalizzato in modalità classe virtuale online oppure frontale in sede.

Programma didattico Corso Apache Kafka:

Panoramica

Programma

Richiedi Info

Programma Corso Apache Kafka (32 ore)

1. Introduzione

- Ecosistema Apache Kafka
- Architettura e concetti chiave

2. Kafka API

• Producer API

• Consumer API

• Compatibilità

• Broker API

• Consumer API

• Replica API

• Zookeeper API

• Ruolo di Zookeeper in un cluster Kafka

• Configurazione

• Brokers

• Consumer

• Producer

• Zookeeper

• Replicator

• Leader election

• Partition assignment

• Topic creation

• Topic partitioning

• Topic replication

• Topic retention

• Topic configuration

• Topic consumer

• Topic producer

• Topic replicator

• Topic Zookeeper

• Topic leader election

• Topic partition assignment

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## 5. Semantica dei messaggi

- Messaggi e Formato
- Apache AVRO
- Log
- Distribuzione su partizioni

## 6. Kafka Operations

- Gestione topics
- Balancing leadership
- Checking consumer position
- Mirroring
- Cluster Management
- Replication factor
- Datacenters
- Production Server Configs
- Monitoring

Per ricevere un preventivo contattateci inviando un messaggio tramite [bakeca.it](http://bakeca.it) oppure chiamate il 347 75 (Dario Carrassi) Chiudi