MOOC

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Apache Kafka

Apache Kafka

Fuentes de Datos

Adquisición de Datos
Data Ingestion

Transporte de Datos
Data Collector

MapReduce

YARN Yet Another Resource Negotiator

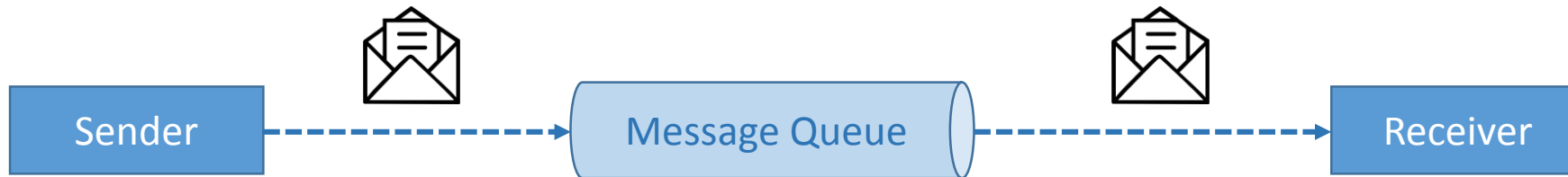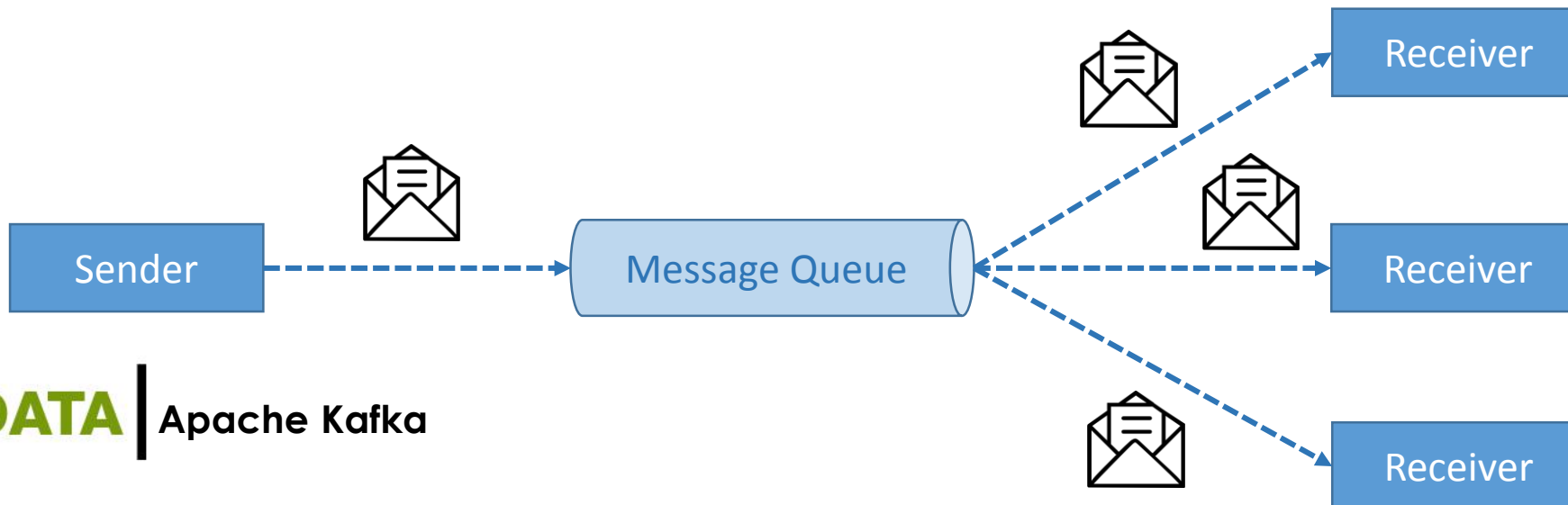HDFS Hadoop Distri...

Messaging system

Ha...ware Básico

kafka

BIG DATA | Apache Kafka
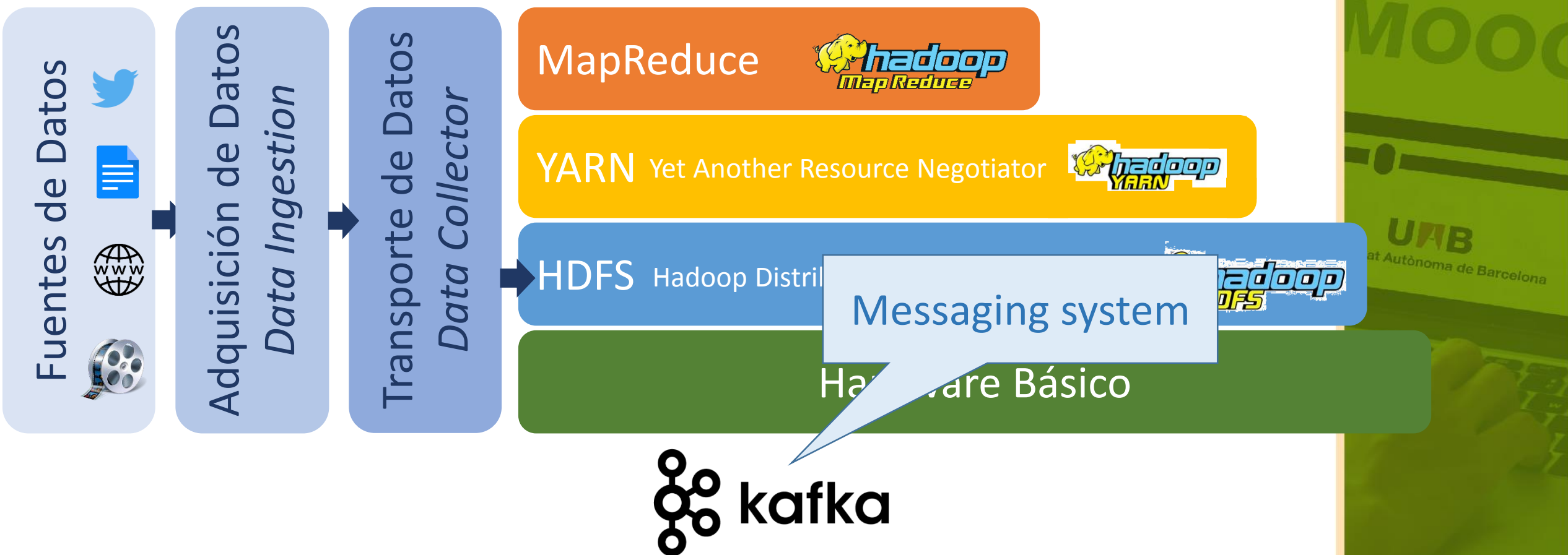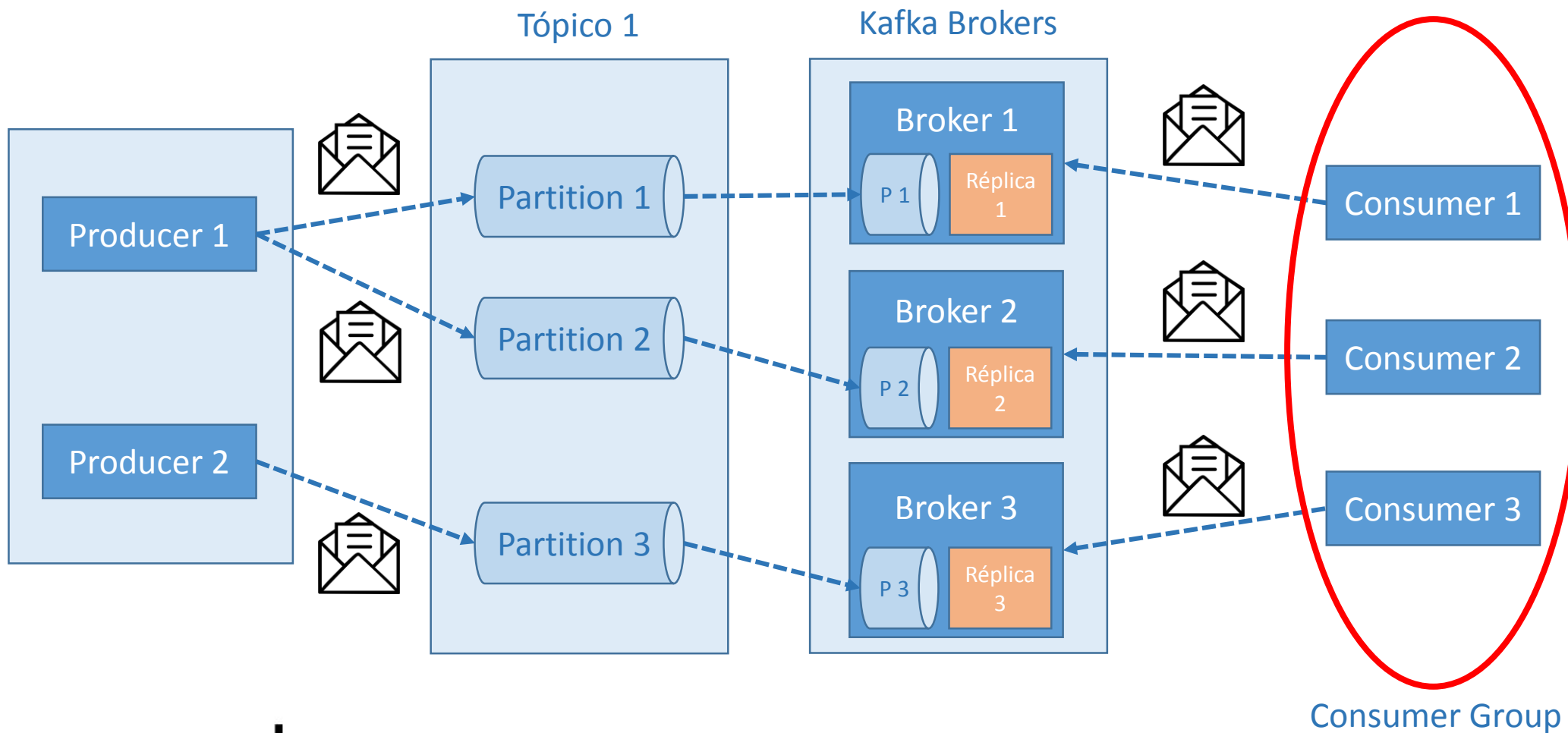
Apache Kafka

- Point to point messaging system

Sender → Message Queue → Receiver

- Publish-Subscribe (pub-sub) messaging system

Sender → Message Queue → Receiver, Receiver, Receiver

BIG DATA | Apache Kafka

Apache Kafka

Apache Kafka

Tópico 1

Kafka Brokers

Producer 1

Producer 2

Partition 1

Partition 2

Partition 3

Broker 1
P 1 | Réplica 1

Broker 2
P 2 | Réplica 2

Broker 3
P 3 | Réplica 3

Consumer 1

Consumer 2

Consumer 3

Consumer Group

BIG DATA | Apache Kafka

Apache Kafka