**What is Apache Kafka?**

Apache Kafka is like a communication system that helps different parts of computer system exchange data or event or messages by publishing and subscribing to topics.

Sender will **publish** the message or event.

The one who will produce or publish the message or event is called as **Producer.**

Receiver will subscribe or consumes the message or event.

The one who will subscribe the message or event is called as **Consumer.**

**Why Kafka?**

1. High Throughput
2. Fault Tolerance (Replication)
3. Durable
4. Scalable

**A diagram of a structure

Description automatically generated**