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RUBY THALIB AI & DATA CONSULTANT

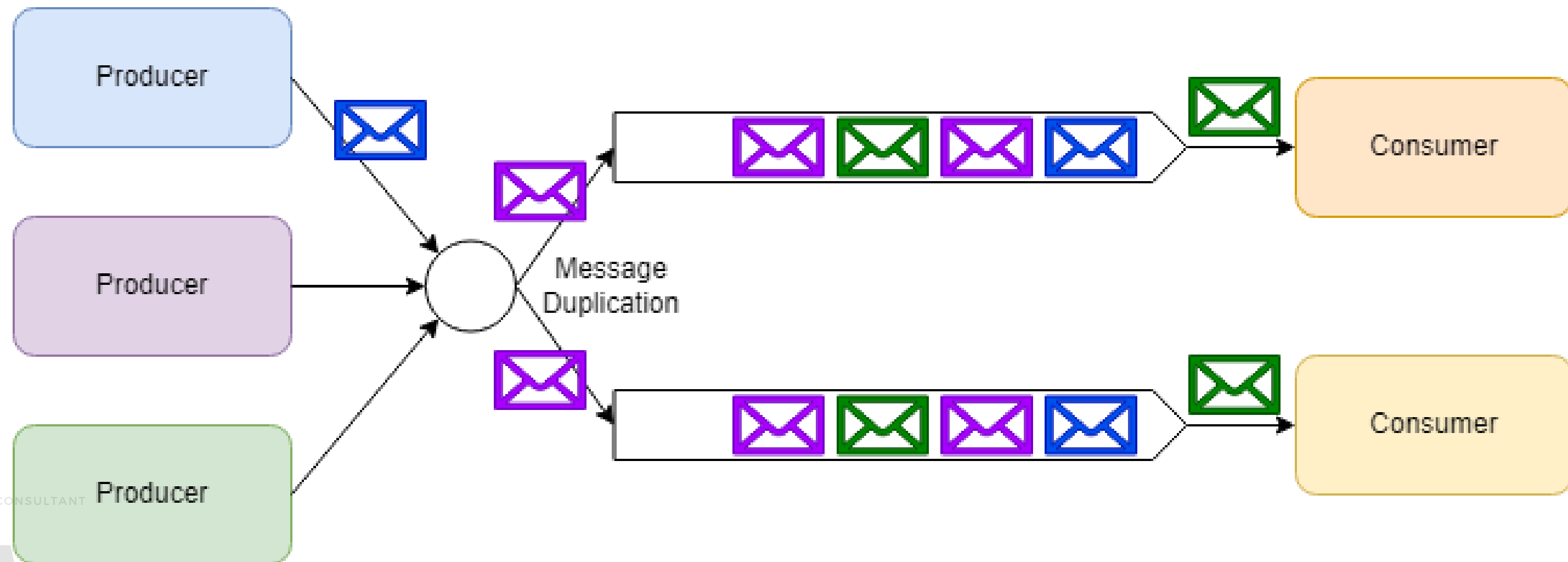
DATA ENGINEERING

MOST SCOPE

INTERACTIVE CLASS, 2024

- **Introducing Kafka**
- **Usecase**

- **Introducing Kafka**



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DATA
ENGINEERING

MOST SCOPE

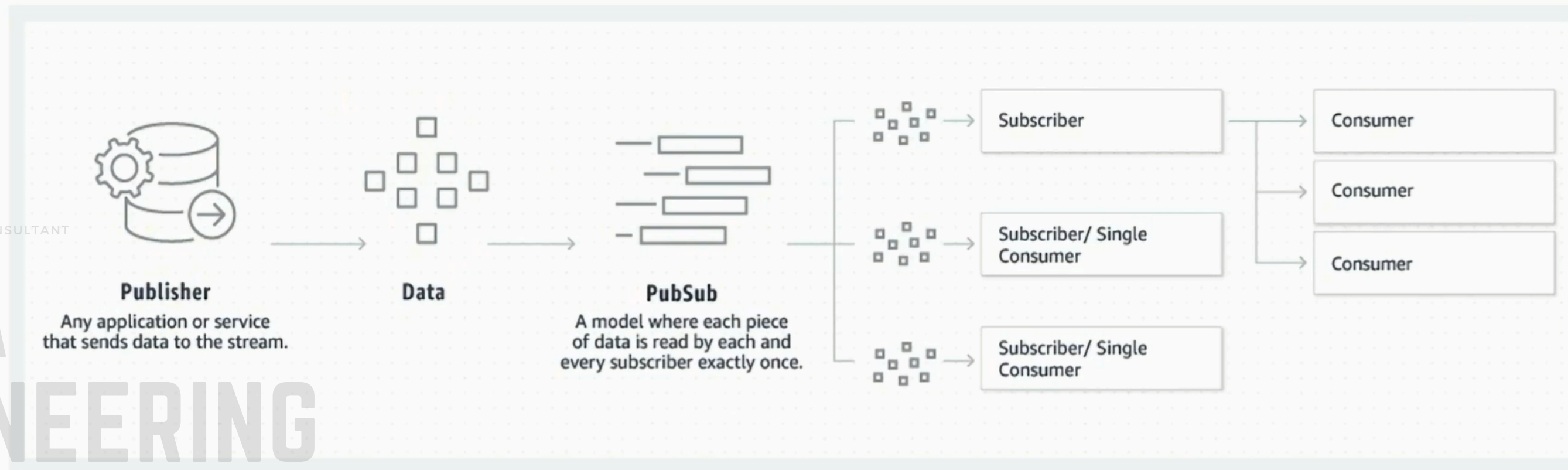
INTERACTIVE CLASS, 2024

• Introducing Kafka

Apache Kafka is a **Distributed Event Streaming** solution

Kafka efficiently manages billions of events:

- Publish and subscribe to streams of records
- Quickly scale up with minimal downtime
- Process streams of records in real-time



• Introducing Kafka

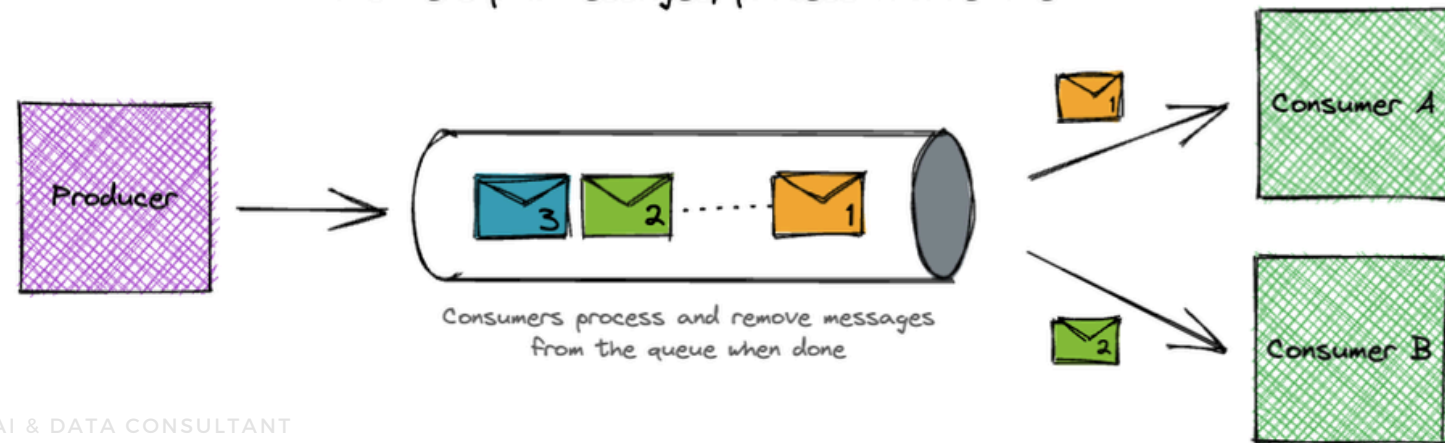
Message queues vs Event Brokers

Queue your message up to be processed...
Broadcast events throughout your architecture...

@boyney123

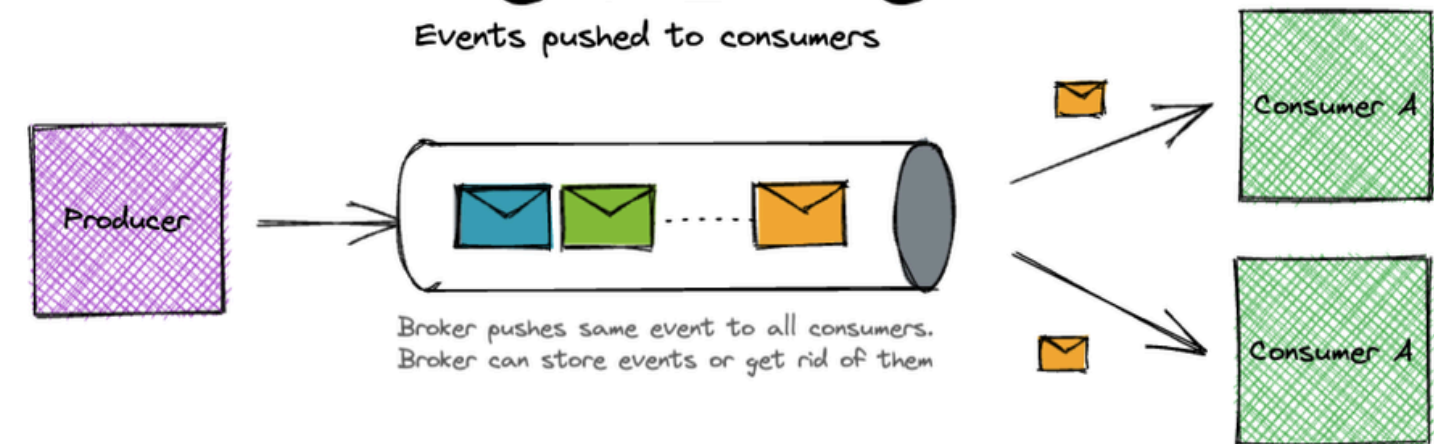
Message Queue

Consumers pull messages, process and remove



Event Broker

Events pushed to consumers



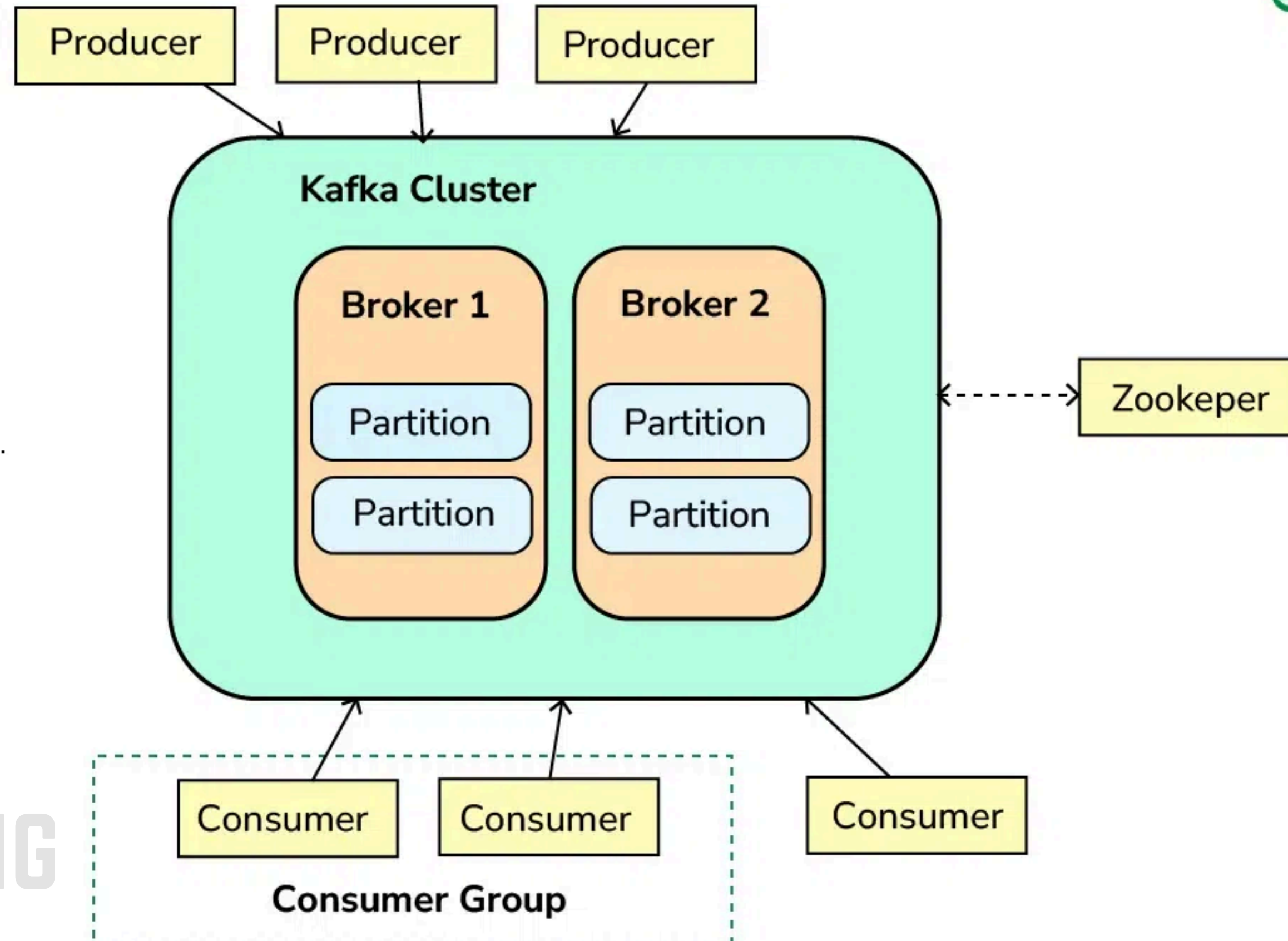
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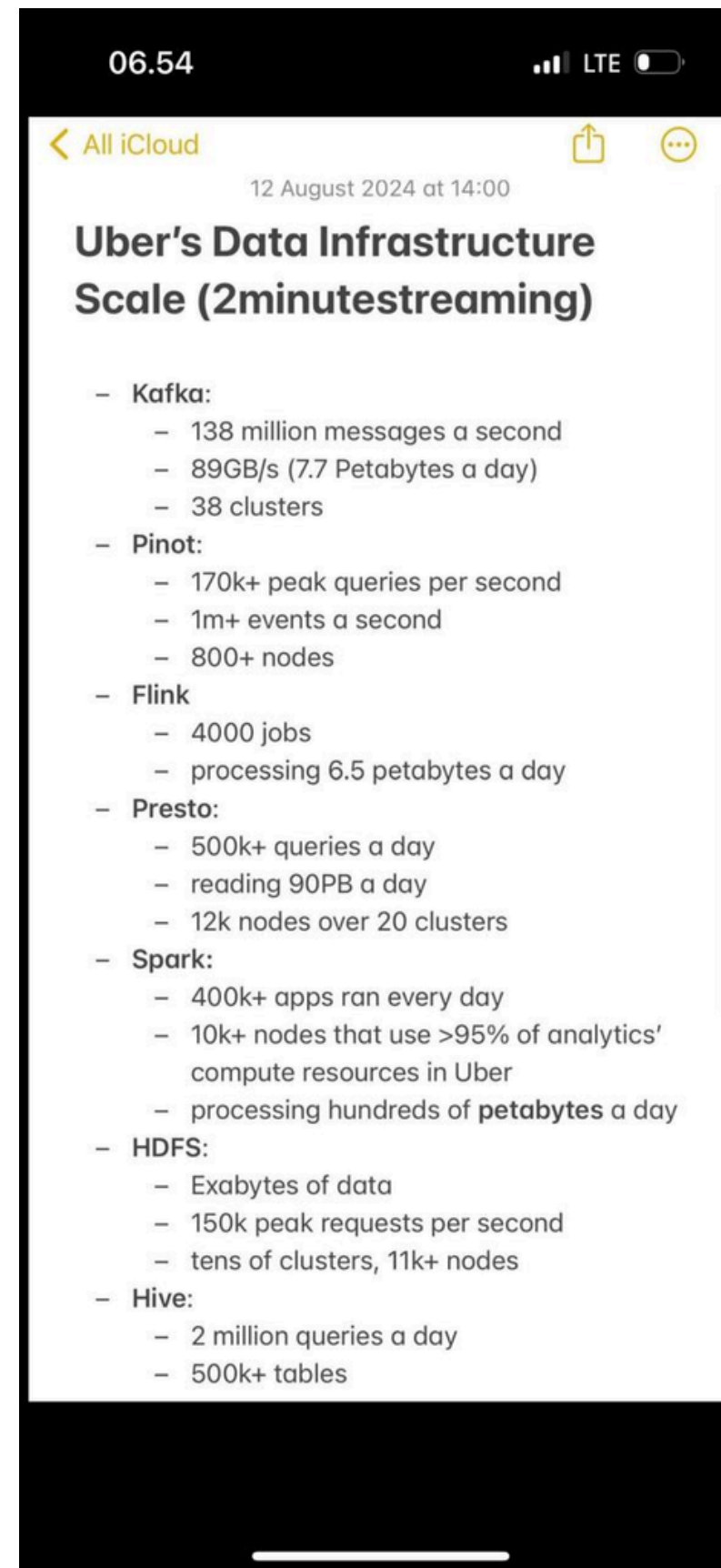
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DAY 6 TRIAL :D