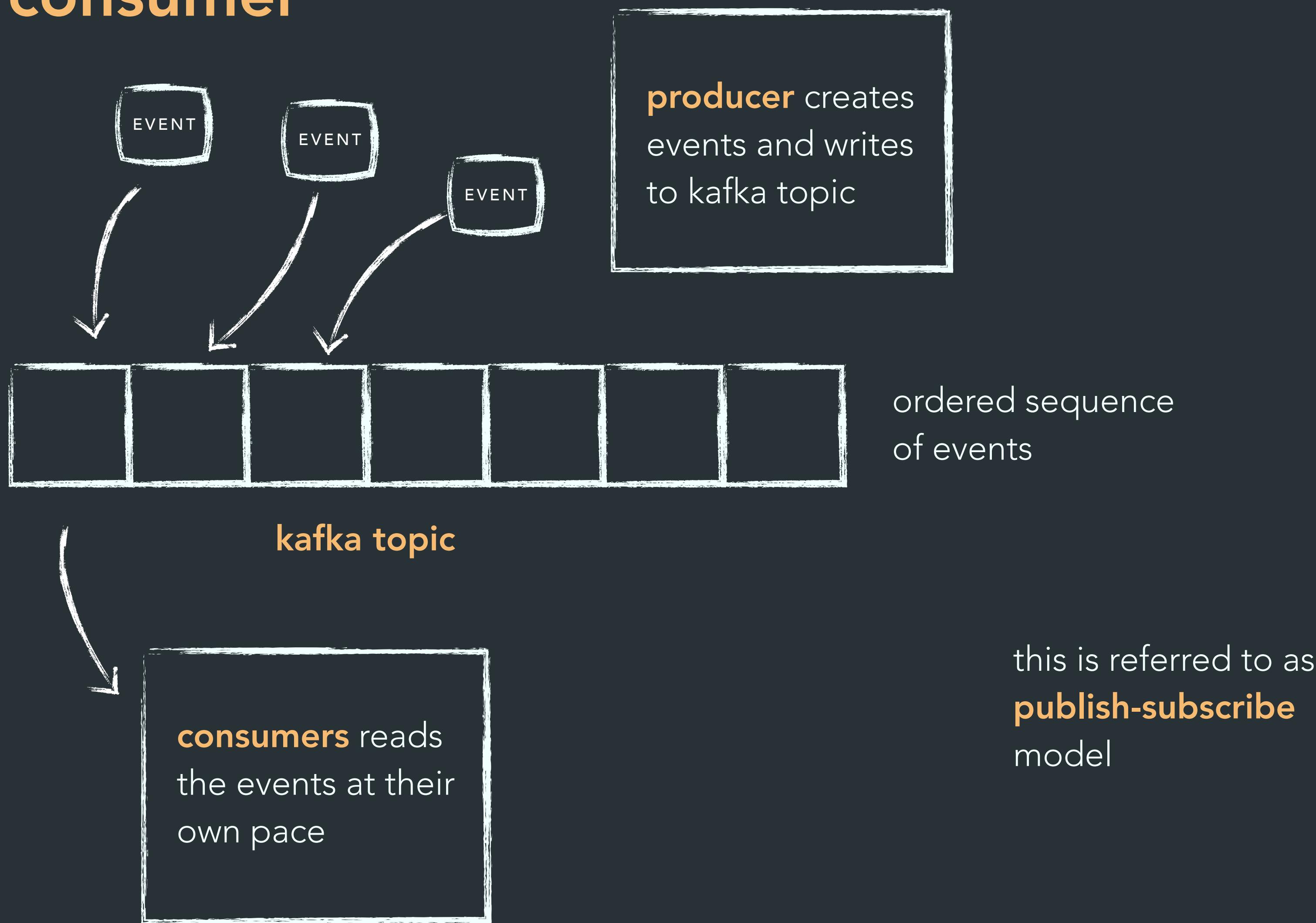




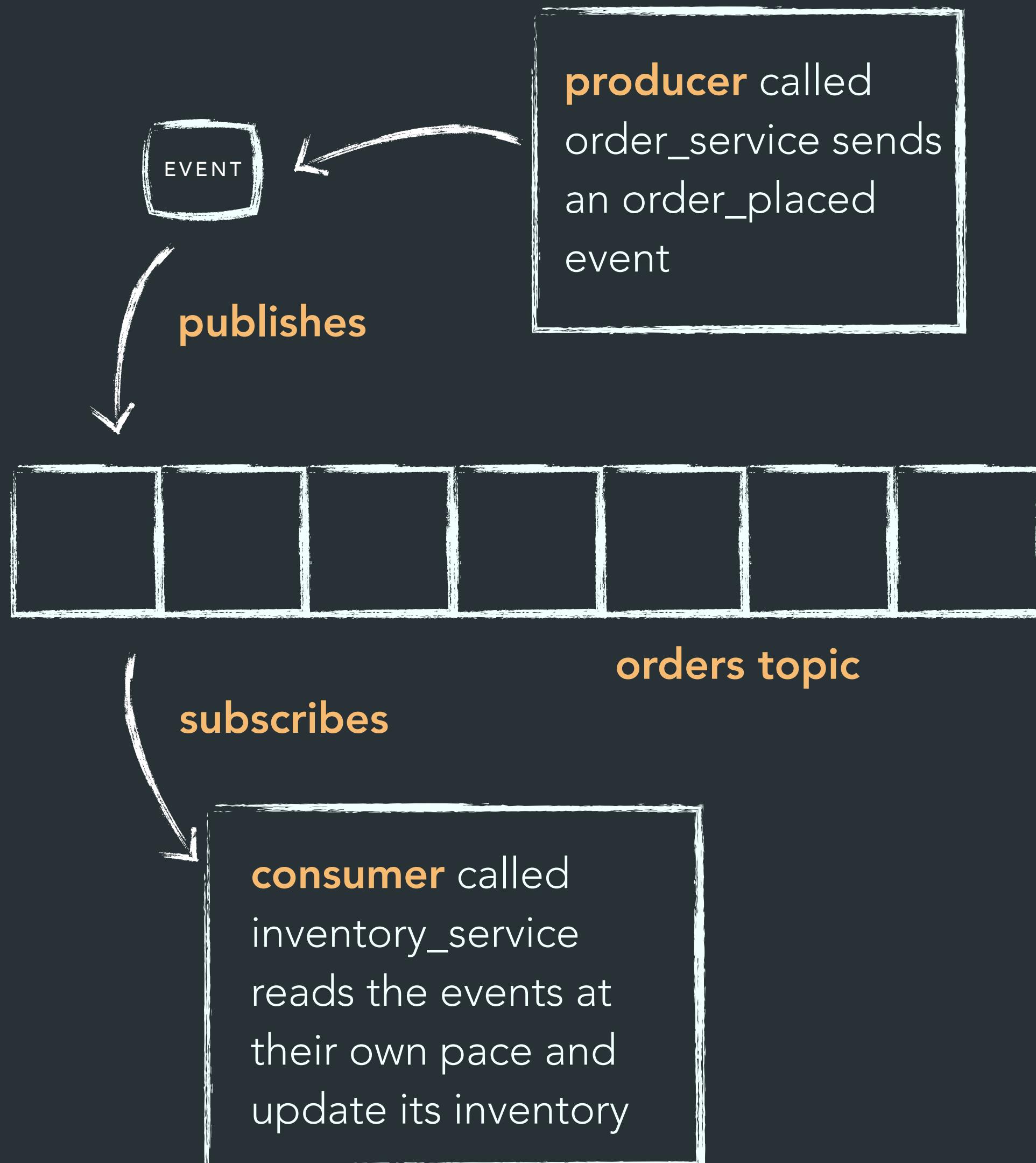
kokchun giang

producing and consuming events in a publish- subscribe model in apache kafka

the events are created by **producer** and read by
consumer



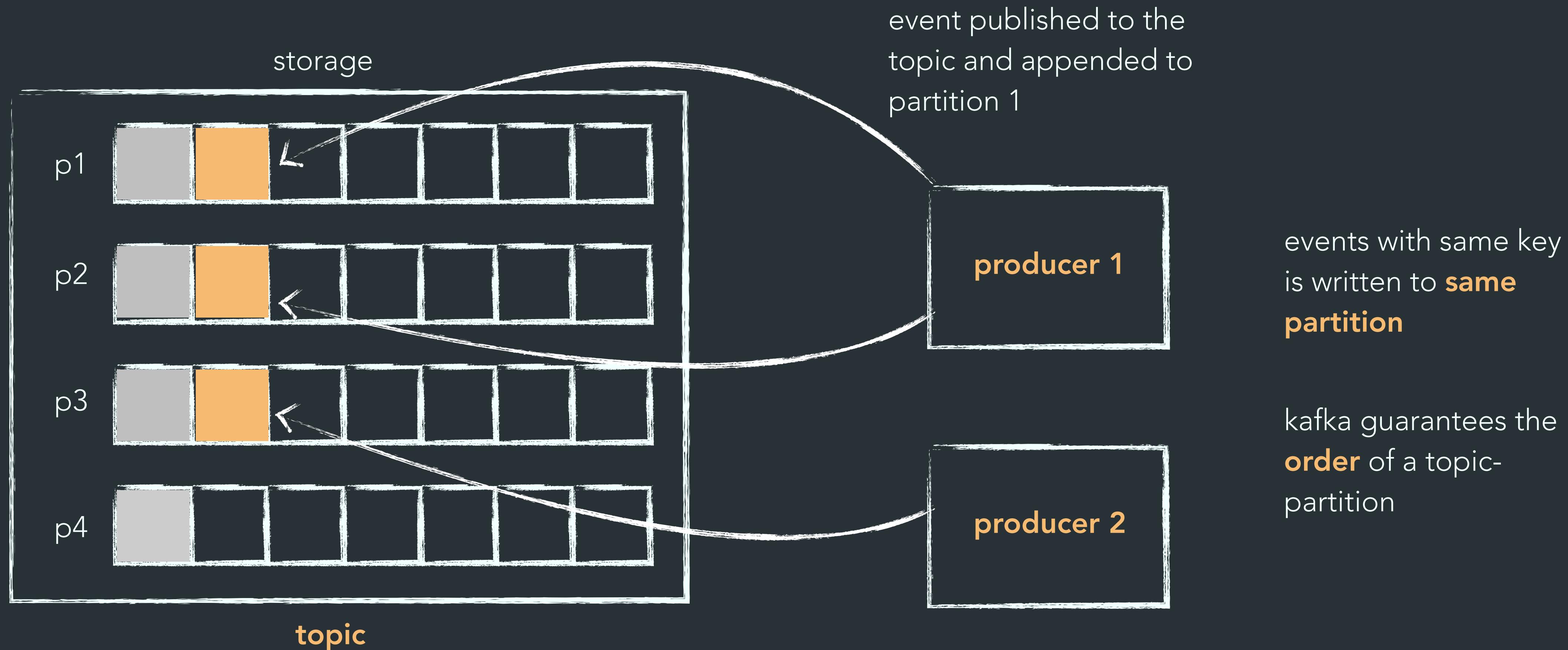
example order event with **producer** and **consumer**



```
1 {  
2   "event_type": "order_placed",  
3   "order_id": 301,  
4   "customer_id": 101,  
5   "total_amount": 2090.0,  
6   "timestamp": "2025-01-26T14:20:00Z"  
7 }
```

producers and consumers
are **decoupled** and
agnostic of each other

partitioning in topics allows for multiple producers and multiple consumers



partitioning events for an orders example

all events have
key customer_1

all events have
key customer_2

all events have
key customer_3

all events have
key customer_4

