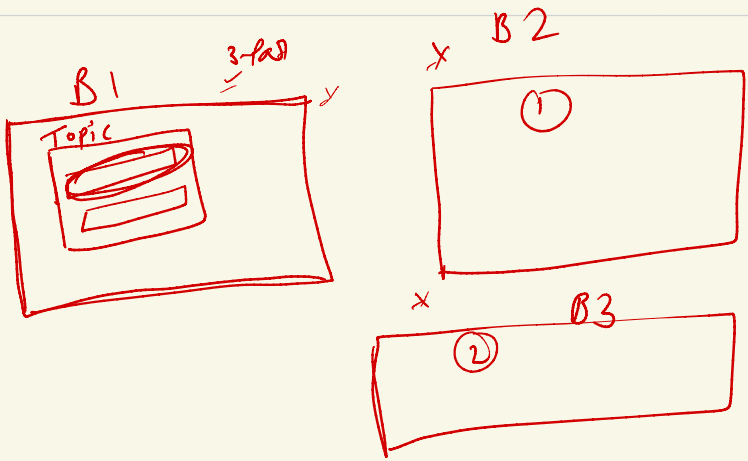



Confluent KAFKA

1. Cluster
2. Topic Creation
3. API Keys for cluster
4. Schema Registry

* Serialization & Deserialization

# Schema Registry

Central Repository for Schema's

Topic

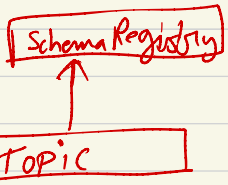
1. JSON
2. AVRO
3. Protobuf

Reading Same data with Same schema format

(Sales - Order)

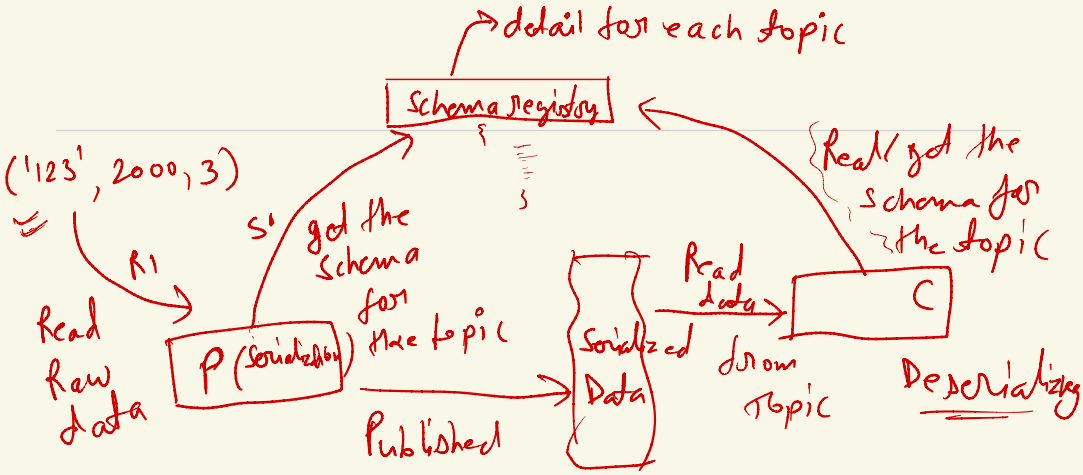
→ order_dt, Sales, month

('123', 20000, 3)




Data Consistency

Data Integrity




Schema Registry

↳ test-topic-1

↳ Create schema

↳ Versioning of Schema (V1)

P

(Date, employee)

```
[{
  field_name: "date"
    type: "date"},
    {field_name: "employee",
      type: "string"
    }
```

Latest schema Version (V1)

("2022-03-20", "shashank")

V1 → (date, employee)

Update → (date, employee, salary)

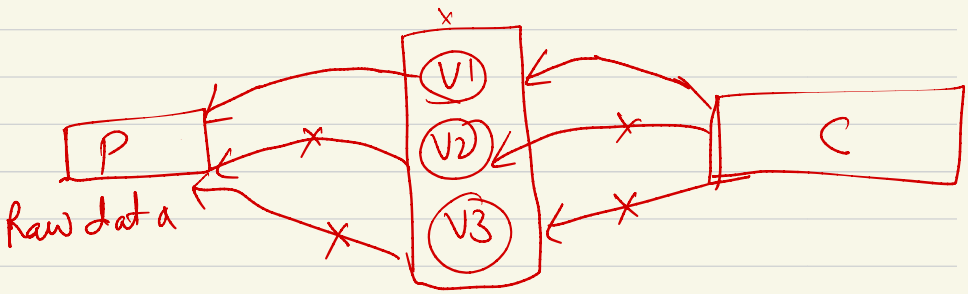
("2022-03-20", "shashank", 2000)

↳ Read V1 schema from Schema Registry

↳ Can we serialize it?

V2 → (Date, employee, salary)

V3 → (Date, employee, salary, Address)




→ → → Incremental

(Latest Schema)