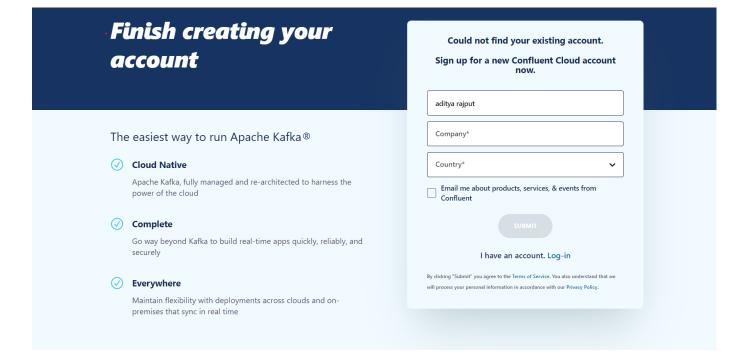**Submitted by : Aditya singh Rajput**
Batch : 1
Course : Big Data Bootcamp

1. Setup Confluent Kafka Account

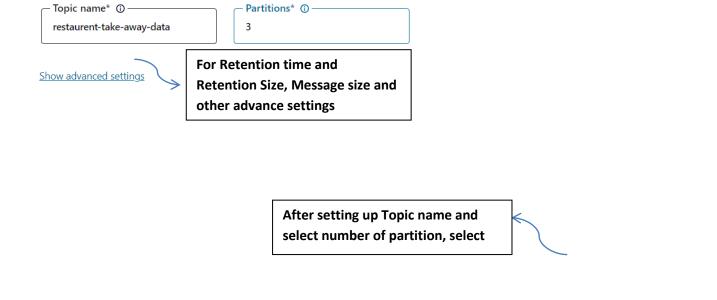**2.** Create one kafka topic named as "restaurent-take-away-data" with 3 partitions

New topic

Topic name* ⓘ
restaurent-take-away-data

Partitions* ⓘ
3

Show advanced settings

For Retention time and Retention Size, Message size and other advance settings

After setting up Topic name and select number of partition, select

Cancel

Create with defaults

Your topic has been successfully created!

3. Setup key (string) & value (json) schema in the confluent schema registry

Value(json)

4. Write a kafka producer program (python or any other language) to read data records from restaurent data csv file, make sure schema is not hardcoded in the producer code, read the latest version of schema and schema_str from schema registry and use it for data serialization.

5. From producer code, publish data in Kafka Topic one by one and use dynamic key while publishing the records into the Kafka Topic

restaurent-take-away-data

Overview   Messages   Schema   Configuration

Producers
Bytes in/sec   4.72K

Consumers
Bytes out/sec   0

Message fields
- topic
- partition
- offset
- timestamp
- timestampType
- headers
- key
- value

▶ ‖   🔍 Filter by keyword   Jump to offset ⌄   🔍 offset   ☰ ‖

+ Produce a new message to this topic

Newest

⌄ {"order_number":13836,"order_date":"15/03/2019 19:58","item_name":"Mint Sauce","quantity":1,"product_price":0.5,"tot...
Partition: 1   Offset: 12994   Timestamp: 1667393346797

⌄ {"order_number":13836,"order_date":"15/03/2019 19:58","item_name":"Mango Chutney","quantity":1,"product_price":0.5,"total_...
Partition: 1   Offset: 12993   Timestamp: 1667393346796

⌄ {"order_number":13856,"order_date":"16/03/2019 19:09","item_name":"Mango Chutney","quantity":1,"product_price":0.5,"total_...
Partition: 1   Offset: 12992   Timestamp: 1667393346783