1. Setup Confluent Kafka Account

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

Graphical user interface, application

Description automatically generated

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

Graphical user interface, text, application

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4. Write kafka consumer code and create two copies of same consumer code and save it with different names (kafka\_consumer\_1.py & kafka\_consumer\_2.py), again make sure lates schema version and schema\_str is not hardcoded in the consumer code, read it automatically from the schema registry to desrialize the data.

Now test two scenarios with your consumer code:

a.) Use "group.id" property in consumer config for both consumers and mention different group\_ids in kafka\_consumer\_1.py & kafka\_consumer\_2.py,apply "earliest" offset property in both consumers and run these two consumers from two different terminals. Calculate how many records each consumer consumed and printed on the terminal

b.) Use "group.id" property in consumer config for both consumers and mention same group\_ids in kafka\_consumer\_1.py & kafka\_consumer\_2.py,apply "earliest" offset property in both consumers and run these two consumers from two different terminals. Calculate how many records each consumer consumed and printed on the terminal

Anaswer: From consumer 1 the no of record consumed is 50021

From Consumer 2 the no of record consumed is 24798

Graphical user interface, text

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