## Confluent-Kafka Producer

February 18, 2025

```
[]: # Send a message to Confluent-Kafka Topic via Python
[]: # Required connection configs for Kafka producer, consumer, and admin
     bootstrap.servers=pkc-921jm.us-east-2.aws.confluent.cloud:9092
     security.protocol=SASL_SSL
     sasl.mechanisms=PLAIN
     sasl.username=FLY6JUGGUCNYPEC4
     sasl.password=ag/kHODDkMvDUIt3zscBtcDhct9ZrzzQjzFIzNIMcgGIkbKyc7ZTPQ/dF6t0Gno0
     # Best practice for higher availability in librdkafka clients prior to 1.7
     session.timeout.ms=45000
     \verb|client.id=ccloud-python-client-0ba89b25-4c4f-437d-b6a2-47efab204258| \\
[1]: !pip install confluent-Kafka
    Collecting confluent-Kafka
      Downloading
    confluent_kafka-2.8.0-cp311-cp311-manylinux_2_28_x86_64.whl.metadata (21 kB)
    Downloading confluent_kafka-2.8.0-cp311-cp311-manylinux_2_28_x86_64.whl (3.8 MB)
                              3.8/3.8 MB
    21.9 MB/s eta 0:00:00
    Installing collected packages: confluent-Kafka
    Successfully installed confluent-Kafka-2.8.0
[3]: import pandas as pd
     import json
     csv_file = 'Customers_data/first_100_customers.csv'
     df = pd.read_csv(csv_file)
     df.head()
[3]:
        customer_id
                           name
                                      city
                                                  state country registration_date
                  0 Customer 0
                                           Maharashtra
                                                           India
                                                                        2023-06-29
     0
                                      Pune
     1
                  1 Customer_1 Bangalore
                                             Tamil Nadu
                                                           India
                                                                        2023-12-07
     2
                  2 Customer_2 Hyderabad
                                                Gujarat
                                                           India
                                                                        2023-10-27
```

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3
                  3 Customer_3 Bangalore
                                              Karnataka
                                                           India
                                                                        2023-10-17
     4
                  4 Customer_4 Ahmedabad
                                              Karnataka
                                                           India
                                                                        2023-03-14
        is_active
     0
            False
             True
     1
     2
             True
           False
     3
           False
[4]: | json_records = df.to_dict(orient='records')
     json_file = 'customers.json'
     with open(json_file, 'w') as file:
       json.dump(json_records,file,indent=4)
     print("File Converted to JSON")
    File Converted to JSON
[]: # prompt: give a code to provide kafka producer conf
     import pandas as pd
     import json
     from confluent_kafka import Producer
     # Kafka Configuration
     kafka_config = {
         'bootstrap.servers': 'pkc-921jm.us-east-2.aws.confluent.cloud:9092',
         'security.protocol': 'SASL_SSL',
         'sasl.mechanisms': 'PLAIN',
         'sasl.username': 'FLY6JUGGUCNYPEC4',
         'sasl.password': 'ag/kHODDkMvDUIt3zscBtcDhct9ZrzzQjzFIzNIMcgGIkbKyc7ZTPQ/

dF6t0Gno0',
         'session.timeout.ms': 45000,
         'client.id': 'ccloud-python-client-0ba89b25-4c4f-437d-b6a2-47efab204258'
     }
     # ... (rest of your code)
[7]: from confluent_kafka import Producer
     import json
     import time
```

```
conf ={
        "bootstrap.servers": "pkc-921jm.us-east-2.aws.confluent.cloud:9092",
        "security.protocol":"SASL_SSL",
        "sasl.mechanisms": "PLAIN",
        "sasl.username": "FLY6JUGGUCNYPEC4",
        "sasl.password": "ag/kHODDkMvDUIt3zscBtcDhct9ZrzzQjzFIzNIMcgGIkbKyc7ZTPQ/

dF6t0Gno0",
        'session.timeout.ms': 45000,
        'client.id': 'ccloud-python-client-0ba89b25-4c4f-437d-b6a2-47efab204258'
      }
      producer = Producer(conf)
 [9]: topic = 'ecommerce'
      with open('customers.json','r') as file:
        customers data = json.load(file)
      value = customers_data[0]
      key = value['customer_id']
      print(key, value)
     0 {'customer_id': 0, 'name': 'Customer_0', 'city': 'Pune', 'state':
     'Maharashtra', 'country': 'India', 'registration_date': '2023-06-29',
     'is_active': False}
[13]: type(str(value).encode('utf-8'))
[13]: bytes
[14]: producer.produce(topic, key = str(key).encode('utf-8'), value=str(value).
       ⇔encode('utf-8'))
 []: # Send multiple messages to our Kafka Cluster
[18]: customers_data
[18]: [{'customer_id': 0,
        'name': 'Customer_0',
        'city': 'Pune',
        'state': 'Maharashtra',
        'country': 'India',
        'registration_date': '2023-06-29',
        'is_active': False},
       {'customer id': 1,
        'name': 'Customer_1',
        'city': 'Bangalore',
```

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'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-12-07',
 'is_active': True},
{'customer_id': 2,
 'name': 'Customer_2',
 'city': 'Hyderabad',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-10-27',
 'is_active': True},
{'customer_id': 3,
 'name': 'Customer_3',
 'city': 'Bangalore',
 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-10-17',
 'is_active': False},
{'customer_id': 4,
 'name': 'Customer_4',
 'city': 'Ahmedabad',
'state': 'Karnataka',
 'country': 'India',
'registration_date': '2023-03-14',
 'is_active': False},
{'customer_id': 5,
 'name': 'Customer_5',
 'city': 'Hyderabad',
'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-07-28',
 'is_active': False},
{'customer_id': 6,
 'name': 'Customer_6',
 'city': 'Pune',
 'state': 'Delhi',
 'country': 'India',
'registration_date': '2023-08-29',
 'is active': False},
{'customer_id': 7,
 'name': 'Customer_7',
 'city': 'Ahmedabad',
 'state': 'West Bengal',
 'country': 'India',
'registration_date': '2023-12-28',
 'is_active': True},
{'customer_id': 8,
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'name': 'Customer_8',
 'city': 'Pune',
 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-06-22',
 'is_active': True},
{'customer_id': 9,
 'name': 'Customer_9',
 'city': 'Mumbai',
'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-01-05',
 'is_active': True},
{'customer_id': 10,
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 'city': 'Pune',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-08-05',
 'is_active': True},
{'customer_id': 11,
'name': 'Customer_11',
 'city': 'Delhi',
'state': 'West Bengal',
 'country': 'India',
 'registration_date': '2023-08-02',
 'is_active': False},
{'customer_id': 12,
 'name': 'Customer_12',
'city': 'Chennai',
'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-11-21',
 'is_active': False},
{'customer_id': 13,
 'name': 'Customer_13',
'city': 'Chennai',
'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-11-06',
 'is_active': True},
{'customer_id': 14,
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 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-02-07',
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'is_active': False},
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 'name': 'Customer_15',
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 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-03-02',
'is_active': True},
{'customer id': 16,
 'name': 'Customer_16',
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 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-04-05',
'is_active': False},
{'customer_id': 17,
 'name': 'Customer_17',
 'city': 'Hyderabad',
 'state': 'West Bengal',
 'country': 'India',
 'registration_date': '2023-08-21',
'is_active': False},
{'customer_id': 18,
 'name': 'Customer 18',
 'city': 'Pune',
 'state': 'Delhi',
 'country': 'India',
 'registration_date': '2023-10-04',
'is_active': True},
{'customer_id': 19,
 'name': 'Customer_19',
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 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-02-05',
 'is_active': True},
{'customer_id': 20,
 'name': 'Customer_20',
 'city': 'Hyderabad',
 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-01-01',
'is_active': True},
{'customer_id': 21,
 'name': 'Customer_21',
 'city': 'Bangalore',
 'state': 'Tamil Nadu',
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'country': 'India',
 'registration_date': '2023-05-30',
 'is_active': True},
{'customer_id': 22,
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'city': 'Chennai',
 'state': 'West Bengal',
'country': 'India',
 'registration_date': '2023-08-03',
 'is_active': True},
{'customer_id': 23,
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 'city': 'Chennai',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-02-15',
 'is_active': False},
{'customer_id': 24,
 'name': 'Customer_24',
 'city': 'Kolkata',
 'state': 'Karnataka',
'country': 'India',
 'registration_date': '2023-03-06',
 'is_active': False},
{'customer_id': 25,
 'name': 'Customer_25',
'city': 'Pune',
 'state': 'Tamil Nadu',
'country': 'India',
 'registration_date': '2023-01-06',
 'is_active': False},
{'customer_id': 26,
 'name': 'Customer_26',
 'city': 'Delhi',
 'state': 'Delhi',
 'country': 'India',
 'registration_date': '2023-03-22',
'is_active': True},
{'customer id': 27,
 'name': 'Customer_27',
 'city': 'Ahmedabad',
'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-07-08',
 'is_active': True},
{'customer_id': 28,
 'name': 'Customer_28',
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'city': 'Hyderabad',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-05-31',
 'is_active': True},
{'customer_id': 29,
 'name': 'Customer_29',
'city': 'Delhi',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-05-28',
 'is_active': False},
{'customer_id': 30,
 'name': 'Customer_30',
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 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-01-28',
 'is_active': False},
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 'name': 'Customer_31',
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'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-06-14',
 'is_active': False},
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 'country': 'India',
 'registration_date': '2023-05-15',
 'is_active': False},
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 'country': 'India',
 'registration_date': '2023-09-11',
'is_active': False},
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 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-11-01',
 'is_active': True},
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{'customer_id': 35,
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 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-07-31',
 'is_active': False},
{'customer_id': 36,
 'name': 'Customer_36',
 'city': 'Ahmedabad',
 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-10-07',
 'is_active': True},
{'customer_id': 37,
 'name': 'Customer_37',
 'city': 'Hyderabad',
 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-03-21',
 'is_active': True},
{'customer_id': 38,
 'name': 'Customer_38',
 'city': 'Bangalore',
 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-09-26',
 'is_active': False},
{'customer_id': 39,
 'name': 'Customer_39',
 'city': 'Pune',
 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-12-14',
 'is_active': False},
{'customer_id': 40,
'name': 'Customer_40',
'city': 'Pune',
 'state': 'West Bengal',
 'country': 'India',
 'registration_date': '2023-01-15',
 'is_active': False},
{'customer_id': 41,
 'name': 'Customer_41',
'city': 'Bangalore',
 'state': 'Karnataka',
 'country': 'India',
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'registration_date': '2023-03-28',
 'is_active': False},
{'customer_id': 42,
 'name': 'Customer_42',
 'city': 'Bangalore',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-08-11',
 'is_active': True},
{'customer_id': 43,
 'name': 'Customer_43',
 'city': 'Hyderabad',
 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-11-21',
 'is_active': True},
{'customer_id': 44,
 'name': 'Customer_44',
 'city': 'Pune',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-04-01',
 'is_active': True},
{'customer id': 45,
 'name': 'Customer_45',
 'city': 'Chennai',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-11-12',
 'is_active': False},
{'customer_id': 46,
 'name': 'Customer_46',
 'city': 'Kolkata',
 'state': 'Delhi',
 'country': 'India',
 'registration_date': '2023-09-23',
 'is_active': True},
{'customer_id': 47,
 'name': 'Customer 47',
 'city': 'Kolkata',
 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-11-03',
 'is_active': True},
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'state': 'Tamil Nadu',
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 'registration_date': '2023-11-16',
 'is_active': True},
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 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-04-16',
 'is_active': True},
{'customer_id': 50,
 'name': 'Customer_50',
 'city': 'Kolkata',
 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-09-10',
 'is_active': True},
{'customer_id': 51,
 'name': 'Customer_51',
 'city': 'Ahmedabad',
 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-07-18',
 'is_active': True},
{'customer_id': 52,
 'name': 'Customer_52',
 'city': 'Ahmedabad',
'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-02-25',
 'is_active': True},
{'customer_id': 53,
 'name': 'Customer_53',
 'city': 'Pune',
 'state': 'Telangana',
 'country': 'India',
'registration_date': '2023-08-27',
 'is active': True},
{'customer_id': 54,
 'name': 'Customer_54',
 'city': 'Kolkata',
 'state': 'Delhi',
 'country': 'India',
'registration_date': '2023-12-13',
 'is_active': False},
{'customer_id': 55,
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'name': 'Customer_55',
 'city': 'Pune',
 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-12-07',
 'is_active': True},
{'customer_id': 56,
 'name': 'Customer_56',
 'city': 'Delhi',
'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-12-29',
 'is_active': False},
{'customer_id': 57,
 'name': 'Customer_57',
 'city': 'Kolkata',
'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-08-06',
 'is_active': False},
{'customer_id': 58,
'name': 'Customer_58',
 'city': 'Kolkata',
'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-07-31',
'is_active': True},
{'customer_id': 59,
 'name': 'Customer_59',
'city': 'Ahmedabad',
'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-07-08',
 'is_active': True},
{'customer_id': 60,
 'name': 'Customer_60',
'city': 'Mumbai',
'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-12-01',
 'is_active': True},
{'customer_id': 61,
 'name': 'Customer_61',
 'city': 'Hyderabad',
 'state': 'Delhi',
 'country': 'India',
 'registration_date': '2023-12-31',
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'is_active': False},
{'customer_id': 62,
 'name': 'Customer_62',
 'city': 'Delhi',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-04-12',
'is_active': True},
{'customer_id': 63,
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 'city': 'Mumbai',
 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-05-23',
'is_active': True},
{'customer_id': 64,
 'name': 'Customer_64',
 'city': 'Chennai',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-10-12',
'is_active': False},
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 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-03-11',
'is_active': True},
{'customer_id': 66,
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 'city': 'Pune',
 'state': 'Tamil Nadu',
 'country': 'India',
 'registration_date': '2023-12-02',
 'is_active': True},
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 'city': 'Hyderabad',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-03-06',
'is_active': False},
{'customer_id': 68,
 'name': 'Customer_68',
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'country': 'India',
 'registration_date': '2023-07-17',
 'is_active': False},
{'customer_id': 69,
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'country': 'India',
 'registration_date': '2023-01-16',
 'is_active': True},
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 'state': 'West Bengal',
'country': 'India',
 'registration_date': '2023-11-06',
 'is_active': True},
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'country': 'India',
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'is active': True},
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'country': 'India',
 'registration_date': '2023-09-20',
 'is_active': False},
{'customer_id': 73,
 'name': 'Customer_73',
 'city': 'Chennai',
 'state': 'West Bengal',
 'country': 'India',
 'registration_date': '2023-03-01',
'is_active': False},
{'customer id': 74,
'name': 'Customer_74',
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'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-01-10',
 'is_active': False},
{'customer_id': 75,
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'city': 'Hyderabad',
 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-11-05',
 'is_active': True},
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 'country': 'India',
 'registration_date': '2023-01-08',
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 'country': 'India',
 'registration_date': '2023-12-07',
 'is_active': True},
{'customer_id': 78,
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'city': 'Bangalore',
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 'country': 'India',
 'registration_date': '2023-03-31',
 'is_active': False},
{'customer_id': 79,
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 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-02-06',
 'is_active': True},
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 'country': 'India',
 'registration_date': '2023-03-25',
'is_active': False},
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 'country': 'India',
 'registration_date': '2023-08-22',
 'is_active': True},
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 'country': 'India',
 'registration_date': '2023-09-07',
 'is_active': False},
{'customer_id': 83,
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 'city': 'Pune',
 'state': 'Telangana',
 'country': 'India',
 'registration_date': '2023-08-28',
 'is_active': True},
{'customer_id': 84,
 'name': 'Customer_84',
 'city': 'Pune',
 'state': 'Delhi',
 'country': 'India',
 'registration_date': '2023-04-14',
 'is_active': False},
{'customer_id': 85,
 'name': 'Customer_85',
 'city': 'Chennai',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-07-30',
 'is_active': True},
{'customer_id': 86,
 'name': 'Customer_86',
 'city': 'Ahmedabad',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-08-13',
 'is_active': False},
{'customer_id': 87,
 'name': 'Customer_87',
 'city': 'Pune',
 'state': 'Karnataka',
 'country': 'India',
 'registration_date': '2023-10-06',
 'is_active': False},
{'customer_id': 88,
 'name': 'Customer_88',
 'city': 'Pune',
 'state': 'Telangana',
 'country': 'India',
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'registration_date': '2023-06-15',
 'is_active': True},
{'customer_id': 89,
 'name': 'Customer_89',
 'city': 'Delhi',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-10-28',
 'is_active': True},
{'customer_id': 90,
 'name': 'Customer_90',
 'city': 'Ahmedabad',
 'state': 'Gujarat',
 'country': 'India',
 'registration_date': '2023-02-15',
 'is_active': False},
{'customer_id': 91,
 'name': 'Customer_91',
 'city': 'Mumbai',
 'state': 'Telangana',
 'country': 'India',
'registration_date': '2023-01-02',
 'is_active': False},
{'customer id': 92,
 'name': 'Customer_92',
 'city': 'Kolkata',
'state': 'Delhi',
 'country': 'India',
 'registration_date': '2023-06-25',
 'is_active': True},
{'customer_id': 93,
 'name': 'Customer_93',
 'city': 'Pune',
 'state': 'West Bengal',
 'country': 'India',
 'registration_date': '2023-09-30',
'is_active': False},
{'customer_id': 94,
 'name': 'Customer 94',
 'city': 'Chennai',
 'state': 'Maharashtra',
 'country': 'India',
 'registration_date': '2023-04-28',
 'is_active': False},
{'customer_id': 95,
 'name': 'Customer_95',
 'city': 'Mumbai',
```

```
'country': 'India',
        'registration_date': '2023-09-29',
        'is_active': True},
       {'customer_id': 96,
        'name': 'Customer_96',
        'city': 'Ahmedabad',
        'state': 'Telangana',
        'country': 'India',
        'registration_date': '2023-06-22',
        'is_active': False},
       {'customer_id': 97,
        'name': 'Customer_97',
        'city': 'Pune',
        'state': 'Maharashtra',
        'country': 'India',
        'registration_date': '2023-10-31',
        'is_active': True},
       {'customer_id': 98,
        'name': 'Customer_98',
        'city': 'Pune',
        'state': 'West Bengal',
        'country': 'India',
        'registration_date': '2023-06-01',
        'is_active': True}]
[20]: topic = 'ecommerce'
      # with open('customers.json', 'r') as file:
      # customers_data = json.load(file)
      def delivery_status(err,msg):
        if(err):
          print(f"Message delivery failed: {err}")
          print(f"message delivered to {msg.topic()} [{msg.partition()}] at offset_u
       →{msg.offset()}")
      for record in customers_data:
        try:
          message_value = json.dumps(record)
          message_key = str(int(record['customer_id']) + 1000).encode('utf-8')
          producer.produce(topic,key = message_key,value=message_value,callback =_u
       →delivery_status)
          producer.poll(1)
```

'state': 'Karnataka',

```
except Exception as e:
    print(f"Error sending messages: {e}")

producer.flush()

print("Message send to kafka successfully")
```

```
message delivered to ecommerce [0] at offset 42
message delivered to ecommerce [0] at offset 43
message delivered to ecommerce [2] at offset 26
message delivered to ecommerce [2] at offset 27
message delivered to ecommerce [1] at offset 38
message delivered to ecommerce [2] at offset 28
message delivered to ecommerce [0] at offset 44
message delivered to ecommerce [1] at offset 39
message delivered to ecommerce [2] at offset 29
message delivered to ecommerce [2] at offset 30
message delivered to ecommerce [0] at offset 45
message delivered to ecommerce [1] at offset 40
message delivered to ecommerce [2] at offset 31
message delivered to ecommerce [2] at offset 32
message delivered to ecommerce [2] at offset 33
message delivered to ecommerce [2] at offset 34
message delivered to ecommerce [2] at offset 35
message delivered to ecommerce [1] at offset 41
message delivered to ecommerce [1] at offset 42
message delivered to ecommerce [0] at offset 46
message delivered to ecommerce [1] at offset 43
message delivered to ecommerce [0] at offset 47
message delivered to ecommerce [0] at offset 48
message delivered to ecommerce [0] at offset 49
message delivered to ecommerce [2] at offset 36
message delivered to ecommerce [1] at offset 44
message delivered to ecommerce [2] at offset 37
message delivered to ecommerce [0] at offset 50
message delivered to ecommerce [2] at offset 38
message delivered to ecommerce [0] at offset 51
message delivered to ecommerce [0] at offset 52
message delivered to ecommerce [2] at offset 39
message delivered to ecommerce [0] at offset 53
message delivered to ecommerce [1] at offset 45
message delivered to ecommerce [2] at offset 40
message delivered to ecommerce [1] at offset 46
message delivered to ecommerce [2] at offset 41
message delivered to ecommerce [1] at offset 47
message delivered to ecommerce [2] at offset 42
message delivered to ecommerce [1] at offset 48
```

```
message delivered to ecommerce [2] at offset 43
message delivered to ecommerce [0] at offset 54
message delivered to ecommerce [0] at offset 55
message delivered to ecommerce [0] at offset 56
message delivered to ecommerce [2] at offset 44
message delivered to ecommerce [0] at offset 57
message delivered to ecommerce [0] at offset 58
message delivered to ecommerce [1] at offset 49
message delivered to ecommerce [1] at offset 50
message delivered to ecommerce [2] at offset 45
message delivered to ecommerce [0] at offset 59
message delivered to ecommerce [0] at offset 60
message delivered to ecommerce [1] at offset 51
message delivered to ecommerce [2] at offset 46
message delivered to ecommerce [0] at offset 61
message delivered to ecommerce [0] at offset 62
message delivered to ecommerce [2] at offset 47
message delivered to ecommerce [1] at offset 52
message delivered to ecommerce [0] at offset 63
message delivered to ecommerce [0] at offset 64
message delivered to ecommerce [2] at offset 48
message delivered to ecommerce [0] at offset 65
message delivered to ecommerce [0] at offset 66
message delivered to ecommerce [1] at offset 53
message delivered to ecommerce [0] at offset 67
message delivered to ecommerce [1] at offset 54
message delivered to ecommerce [0] at offset 68
message delivered to ecommerce [2] at offset 49
message delivered to ecommerce [0] at offset 69
message delivered to ecommerce [2] at offset 50
message delivered to ecommerce [2] at offset 51
message delivered to ecommerce [0] at offset 70
message delivered to ecommerce [2] at offset 52
message delivered to ecommerce [1] at offset 55
message delivered to ecommerce [0] at offset 71
message delivered to ecommerce [1] at offset 56
message delivered to ecommerce [0] at offset 72
message delivered to ecommerce [0] at offset 73
message delivered to ecommerce [0] at offset 74
message delivered to ecommerce [0] at offset 75
message delivered to ecommerce [0] at offset 76
message delivered to ecommerce [2] at offset 53
message delivered to ecommerce [2] at offset 54
message delivered to ecommerce [2] at offset 55
message delivered to ecommerce [0] at offset 77
message delivered to ecommerce [0] at offset 78
message delivered to ecommerce [2] at offset 56
message delivered to ecommerce [0] at offset 79
```

```
message delivered to ecommerce [0] at offset 80 message delivered to ecommerce [2] at offset 57 message delivered to ecommerce [1] at offset 57 message delivered to ecommerce [1] at offset 58 message delivered to ecommerce [0] at offset 81 message delivered to ecommerce [0] at offset 82 message delivered to ecommerce [0] at offset 83 message delivered to ecommerce [0] at offset 84 message delivered to ecommerce [0] at offset 85 message delivered to ecommerce [0] at offset 85 message delivered to ecommerce [1] at offset 59 Message send to kafka successfully
```