

```
In [1]: import json
import uuid
import pandas as pd
import time

from kafka import KafkaProducer, KafkaAdminClient
from kafka.admin.new_topic import NewTopic
from kafka.errors import TopicAlreadyExistsError
```

Configuration Parameters

TODO: Change the configuration parameters to the appropriate values for your setup.

```
In [2]: config = dict(
    bootstrap_servers=['kafka.kafka.svc.cluster.local:9092'],
    first_name='Kyle',
    last_name='Morris'
)

config['client_id'] = '{}{}{}'.format(
    config['last_name'],
    config['first_name']
)
config['topic_prefix'] = '{}{}{}'.format(
    config['last_name'],
    config['first_name']
)

config
```

```
Out[2]: {'bootstrap_servers': ['kafka.kafka.svc.cluster.local:9092'],
'first_name': 'Kyle',
'last_name': 'Morris',
'client_id': 'MorrisKyle',
'topic_prefix': 'MorrisKyle'}
```

Create Topic Utility Function

The `create_kafka_topic` helps create a Kafka topic based on your configuration settings. For instance, if your first name is *John* and your last name is *Doe*, `create_kafka_topic('locations')` will create a topic with the name `DoeJohn-locations`. The function will not create the topic if it already exists.

```
In [3]: def create_kafka_topic(topic_name, config=config, num_partitions=1, replication_factor=1):
    bootstrap_servers = config['bootstrap_servers']
    client_id = config['client_id']
    topic_prefix = config['topic_prefix']
    name = '{}-{}'.format(topic_prefix, topic_name)

    admin_client = KafkaAdminClient(
        bootstrap_servers=bootstrap_servers,
        client_id=client_id
    )

    topic = NewTopic(
        name=name,
        num_partitions=num_partitions,
        replication_factor=replication_factor
    )

    topic_list = [topic]
    try:
        admin_client.create_topics(new_topics=topic_list)
        print('Created topic "{}'.format(name))
    except TopicAlreadyExistsError as e:
        print('Topic "{} already exists'.format(name))

create_kafka_topic('locations')
create_kafka_topic('accelerations')
```

Topic "MorrisKyle-locations" already exists
Topic "MorrisKyle-accelerations" already exists

Kafka Producer

The following code creates a `KafkaProducer` object which you can use to send Python objects that are serialized as JSON.

Note: This producer serializes Python objects as JSON. This means that object must be JSON serializable. As an example, Python `DateTime` values are not JSON serializable and must be converted to a string (e.g. ISO 8601) or a numeric value (e.g. a Unix timestamp) before being sent.

```
In [4]: producer = KafkaProducer(
    bootstrap_servers=config['bootstrap_servers'],
    value_serializer=lambda x: json.dumps(x).encode('utf-8')
)
```

Send Data Function

The `send_data` function sends a Python object to a Kafka topic. This function adds the `topic_prefix` to the topic so `send_data('locations', data)` sends a JSON serialized message to `DoeJohn-locations`. The function also registers callbacks to let you know if the message has been sent or if an error has occurred.

```
In [5]: def on_send_success(record_metadata):
    print('Message sent:\n      Topic: "{}"\n      Partition: {}'\n          .format(
        record_metadata.topic,
        record_metadata.partition,
        record_metadata.offset
    ))

def on_send_error(exc):
    print('I am an errback', exc_info=exc)
    # handle exception

def send_data(topic, data, config=config, producer=producer, msg_key=None):
    topic_prefix = config['topic_prefix']
    topic_name = '{}-{}'.format(topic_prefix, topic)

    if msg_key is not None:
        key = msg_key
    else:
        key = uuid.uuid4().hex

    producer.send(
        topic_name,
        value=data,
        key=key.encode('utf-8')
    ).add_callback(on_send_success).add_errback(on_send_error)
```

```
In [6]: example_data = dict(
    key1='value1',
    key2='value2'
)

send_data('locations', example_data)
```

```
Message sent:
  Topic: "MorrisKyle-locations"
  Partition: 0
  Offset: 1771
```

```
In [7]: import os, glob
from pathlib import Path

current_dir = Path(os.getcwd()).absolute()
data_dir = current_dir.joinpath('data')
loc_dir = data_dir.joinpath('locations')
acc_dir = data_dir.joinpath('accelerations')

timeList = []
dirList = []
for file__ in os.listdir(loc_dir):
    timeList.append(float(file__[-5:]))
    dirList.append(file__)
timeList.sort()
dirList.sort()

# This section of code creates our List of directories and pulls the timestamp
s. These
# two lists are basically one that's just the directory name, for loading in t
he file system, and
# the other is just the integer time values which we use to run in real time.
```

```
In [8]: final = max(timeList) # This is the last timestamp.
counter = 0
start = time.perf_counter()
elapsed = 0

while (elapsed) <= final:
    if elapsed >= timeList[counter]:
        clokdir = loc_dir.joinpath(dirList[counter])
        caccdir = acc_dir.joinpath(dirList[counter])
        for filename in glob.glob(os.path.join(clokdir, '*.parquet')):
            with open(filename, 'r') as f:
                message = {}
                df = pd.read_parquet(filename)
                df['timestamp'] = df['timestamp'].astype(str)
                df['timelapse'] = df['timelapse'].astype(str)
                for row in df:
                    message[row] = df[row][0]

            send_data('locations', message)

        for filename in glob.glob(os.path.join(caccdir, '*.parquet')):
            with open(filename, 'r') as f:
                message = {}
                df = pd.read_parquet(filename)
                df['timestamp'] = df['timestamp'].astype(str)
                df['timelapse'] = df['timelapse'].astype(str)
                for row in df:
                    message[row] = df[row][0]
            send_data('accelerations', message)

        print('Completed: ', timeList[counter])
        counter += 1

    elapsed = time.perf_counter() - start

    clokdir = loc_dir.joinpath(dirList[counter])
    caccdir = acc_dir.joinpath(dirList[counter])
    for filename in glob.glob(os.path.join(clokdir, '*.parquet')):
        with open(filename, 'r') as f:
            message = {}
            df = pd.read_parquet(filename)
            df['timestamp'] = df['timestamp'].astype(str)
            df['timelapse'] = df['timelapse'].astype(str)
            for row in df:
                message[row] = df[row][0]

        send_data('locations', message)

    for filename in glob.glob(os.path.join(caccdir, '*.parquet')):
        with open(filename, 'r') as f:
            message = {}
            df = pd.read_parquet(filename)
            df['timestamp'] = df['timestamp'].astype(str)
            df['timelapse'] = df['timelapse'].astype(str)
            for row in df:
                message[row] = df[row][0]
```

```
    send_data('accelerations', message)
print('Completed: ', timeList[counter])
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1772  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1773  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1805  
Completed: 0.0  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1806  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1774  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1775  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1807  
Completed: 4.5  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1808  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1776  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1777  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1809  
Completed: 7.8  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1810  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1778  
Message sent:  
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 1779
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1811
Completed: 10.6
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1812
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1780
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1781
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1813
Completed: 14.9
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1814
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1782
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1783
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1815
Completed: 17.9
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1816
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1784
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1785
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1817
```

```
Completed: 21.3
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1818
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1786
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1787
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1819
Completed: 26.1
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1820
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1788
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1789
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1790
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1821
Completed: 30.4
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1822
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1791
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1792
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1793
Message sent:
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 1794
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1795
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1823
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1824
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1825
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1826
Completed: 33.7
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1827
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1796
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1797
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1798
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1799
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1800
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1801
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1828
Message sent:
    Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 1829
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1830
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1831
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1832
Completed: 37.7
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1833
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1802
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1803
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1804
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1805
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1806
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1807
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1834
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1835
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1836
Completed: 41.5
Message sent:
```

```
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1837
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1808
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1809
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1810
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1811
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1812
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1838
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1839
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1840
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1841
Completed: 45.4
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1842
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1813
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1814
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1815
Message sent:
```

```
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1816
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1817
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1818
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1819
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1820
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1821
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1822
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1823
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1824
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1825
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1843
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1844
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1845
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1846
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 1847
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1848
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1849
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1850
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1851
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1852
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1853
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1854
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1855
Completed: 49.5
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1856
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1826
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1827
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1828
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1829
Message sent:
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 1830
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1831
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1832
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1833
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1834
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1835
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1836
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1837
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1838
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1839
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1857
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1858
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1859
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1860
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
```

```
Offset: 1861
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1862
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1863
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1864
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1865
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1866
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1867
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1868
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1869
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1870
Completed: 52.5
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1871
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1840
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1841
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1842
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 1843
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1844
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1845
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1846
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1847
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1848
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1849
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1850
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1851
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1852
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1853
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1854
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1872
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1873
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1874
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1875  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1876  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1877  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1878  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1879  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1880  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1881  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1882  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1883  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1884  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1885  
Completed: 56.4  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1886  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1855  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1856
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1857  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1858  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1859  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1860  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1861  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1862  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1863  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1864  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1865  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1866  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1867  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1868  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1869  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1870  
Message sent:
```

```
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1871
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1872
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1873
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1887
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1888
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1889
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1890
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1891
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1892
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1893
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1894
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1895
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1896
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1897
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 1898
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1899
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1900
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1901
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1902
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1903
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1904
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1905
Completed: 60.1
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1906
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1874
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1875
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1876
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1877
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1878
Message sent:
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 1879
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1880
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1881
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1882
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1883
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1884
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1885
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1886
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1887
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1888
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1889
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1890
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1891
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1892
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 1893
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1894
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1895
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1896
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1907
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1908
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1909
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1910
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1911
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1912
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1913
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1914
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1915
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1916
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1917
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1918  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1919  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1920  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1921  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1922  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1923  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1924  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1925  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1926  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1927  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1928  
Completed: 63.8  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1929  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1897  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1898
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1899  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1900  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1901  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1902  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1903  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1904  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1905  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1906  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1907  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1908  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1909  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1910  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1911  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1912  
Message sent:
```

```
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1913
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1914
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1915
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1916
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1917
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1918
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1919
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1920
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1930
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1931
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1932
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1933
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1934
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1935
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 1936
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1937
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1938
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1939
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1940
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1941
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1942
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1943
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1944
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1945
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1946
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1947
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1948
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1949
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
```

```
Offset: 1950
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1951
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1952
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1953
Completed: 66.7
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1954
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1921
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1922
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1923
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1924
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1925
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1926
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1927
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1928
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1929
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 1930
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1931
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1932
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1933
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1934
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1935
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1936
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1937
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1938
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1939
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1940
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1941
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1942
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1943
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1944
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1945  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1946  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1947  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1948  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1955  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1956  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1957  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1958  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1959  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1960  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1961  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1962  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1963  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1964  
Message sent:
```

```
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1965
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1966
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1967
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1968
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1969
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1970
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1971
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1972
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1973
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1974
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1975
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1976
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1977
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 1978
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 1979
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1980
Completed: 70.9
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1981
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1949
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1950
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1951
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1952
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1953
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1954
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1955
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1956
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1957
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1958
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1959
Message sent:
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 1960
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1961
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1962
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1963
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1964
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1965
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1966
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1967
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1968
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1969
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1970
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1971
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1972
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1973
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 1974
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 1975
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1982
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1983
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1984
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1985
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1986
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1987
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1988
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1989
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1990
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1991
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1992
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1993
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 1994
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1995  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1996  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1997  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1998  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 1999  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2000  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2001  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2002  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2003  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2004  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2005  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2006  
Completed: 73.9  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2007  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1976
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1977  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1978  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1979  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1980  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1981  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1982  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1983  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1984  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1985  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1986  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1987  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1988  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1989  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 1990  
Message sent:
```

```
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1991
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1992
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1993
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1994
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1995
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1996
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1997
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1998
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 1999
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2000
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2008
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2009
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2010
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2011
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 2012
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2013
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2014
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2015
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2016
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2017
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2018
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2019
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2020
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2021
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2022
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2023
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2024
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2025
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
```

```
Offset: 2026
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2027
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2028
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2029
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2030
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2031
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2032
Completed: 77.1
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2001
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2002
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2003
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2004
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2005
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2006
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 2007
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2008
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2009
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2010
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2011
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2012
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2013
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2014
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2015
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2016
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2017
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2018
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2019
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2020
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2021
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2022  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2023  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2024  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2025  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2034  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2035  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2036  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2037  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2038  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2039  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2040  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2041  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2042  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2043  
Message sent:
```

```
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2044
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2045
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2046
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2047
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2048
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2049
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2050
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2051
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2052
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2053
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2054
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2055
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2056
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2057
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 2058
Completed: 81.4
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2059
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2026
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2027
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2028
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2029
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2030
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2031
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2032
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2033
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2034
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2035
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2036
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2037
Message sent:
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 2038
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2039
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2040
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2041
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2042
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2043
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2044
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2045
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2046
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2047
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2048
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2049
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2050
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2060
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
```

```
Offset: 2061
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2062
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2063
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2064
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2065
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2066
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2067
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2068
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2069
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2070
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2071
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2072
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2073
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2074
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2075
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2076  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2077  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2078  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2079  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2080  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2081  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2082  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2083  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2084  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2085  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2086  
Completed: 85.1  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2087  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2051  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2052
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2053  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2054  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2055  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2056  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2057  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2058  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2059  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2060  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2061  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2062  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2063  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2064  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2065  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2066  
Message sent:
```

```
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2067
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2068
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2069
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2070
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2071
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2072
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2088
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2089
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2090
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2091
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2092
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2093
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2094
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2095
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 2096
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2097
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2098
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2099
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2100
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2101
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2102
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2103
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2104
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2105
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2106
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2107
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2108
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2109
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
```

```
Offset: 2110
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2111
Completed: 88.3
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2112
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2073
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2074
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2075
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2076
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2077
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2078
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2079
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2080
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2081
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2082
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2083
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 2084
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2085
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2086
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2087
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2088
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2089
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2113
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2114
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2115
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2116
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2117
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2118
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2119
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2120
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2121
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2122  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2123  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2124  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2125  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2126  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2127  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2128  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2129  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2130  
Completed: 91.7  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2131  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2090  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2091  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2092  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2093
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2094  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2095  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2096  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2097  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2098  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2099  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2100  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2101  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2102  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2103  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2104  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2105  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2106  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2107  
Message sent:
```

```
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2132
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2133
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2134
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2135
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2136
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2137
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2138
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2139
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2140
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2141
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2142
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2143
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2144
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2145
Message sent:
Topic: "MorrisKyle-accelerations"
```

```
Partition: 0
Offset: 2146
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2147
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2148
Completed: 94.7
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2149
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2108
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2109
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2110
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2111
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2112
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2113
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2114
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2115
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2116
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2117
Message sent:
    Topic: "MorrisKyle-locations"
```

```
Partition: 0
Offset: 2118
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2119
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2120
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2121
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2122
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2123
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2124
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2125
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2150
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2151
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2152
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2153
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2154
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2155
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
```

```
Offset: 2156
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2157
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2158
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2159
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2160
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2161
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2162
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2163
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2164
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2165
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2166
Completed: 98.8
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2167
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2126
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2127
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
```

```
Offset: 2128
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2129
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2130
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2131
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2132
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2133
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2134
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2135
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2136
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2137
Message sent:
    Topic: "MorrisKyle-locations"
    Partition: 0
    Offset: 2138
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2168
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2169
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2170
Message sent:
    Topic: "MorrisKyle-accelerations"
    Partition: 0
    Offset: 2171
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2172  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2173  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2174  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2175  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2176  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2177  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2178  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2179  
Completed: 102.5  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2180  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2139  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2140  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2141  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2142  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2143
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2144  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2145  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2146  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2147  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2148  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2181  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2182  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2183  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2184  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2185  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2186  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2187  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2188  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2189  
Completed: 106.0
```

```
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2190  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2149  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2150  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2151  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2152  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2153  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2154  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2155  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2156  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2191  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2192  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2193  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2194  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2195  
Message sent:
```

```
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2196
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2197
Completed: 109.9
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2198
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2157
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2158
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2159
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2160
Message sent:
Topic: "MorrisKyle-locations"
Partition: 0
Offset: 2161
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2199
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2200
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2201
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2202
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2203
Completed: 113.2
Message sent:
Topic: "MorrisKyle-accelerations"
Partition: 0
Offset: 2204
```

```
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2162  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2163  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2164  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2165  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2166  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2205  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2206  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2207  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2208  
Completed: 117.2  
Message sent:  
    Topic: "MorrisKyle-accelerations"  
    Partition: 0  
    Offset: 2209  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2167  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2168  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2169  
Message sent:  
    Topic: "MorrisKyle-locations"  
    Partition: 0  
    Offset: 2170
```

```
Message sent:  
Topic: "MorrisKyle-accelerations"  
Partition: 0  
Offset: 2210  
Message sent:  
Topic: "MorrisKyle-accelerations"  
Partition: 0  
Offset: 2211  
Message sent:  
Topic: "MorrisKyle-accelerations"  
Partition: 0  
Offset: 2212  
Completed: 121.4  
Message sent:  
Topic: "MorrisKyle-accelerations"  
Partition: 0  
Offset: 2213
```

In []: