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In [1]: pip install kafka-python
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Collecting kafka-python
  Downloading kafka_python-2.0.2-py2.py3-none-any.whl (246 kB)
Installing collected packages: kafka-python
Successfully installed kafka-python-2.0.2
Note: you may need to restart the kernel to use updated packages.
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download kafka in your windows
open command prompt and change directory to kafka/bin/windows
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zookeeper-server-start "C:\Users\holho\kafka_2.12-2.8.0\config\zookeeper.properties"
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kafka-server-start >kafka-server-start "C:\Users\holho\kafka_2.12-2.8.0\config\server.properties"
```

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kafka-topics --create --zookeeper localhost:2181 --replication-factor 1 --partitions 1 --topic jupyter
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kafka-console-producer --broker-list localhost:9092 --topic "jupyter"
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kafka-console-consumer --bootstrap-server localhost:9092 --topic "jupyter"
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In [ ]:
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In [ ]: from kafka import KafkaConsumer
consumer = KafkaConsumer('jupyter')
for msg in consumer:
    a=list(msg)
    b=a[6].decode('utf-8')    #convert bytes data to string
    print (b)
```

```
hello
```

```
In [2]: from kafka import KafkaProducer
p = KafkaProducer(bootstrap_servers='localhost:9092')
for _ in range(10):
    #producer.send('jupyter', b'some_message_bytes')
    p.send('jupyter', 'test'.encode('utf-8'))
p.flush()
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In [ ]:
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