1. Download kafka

Link: <https://kafka.apache.org/quickstart#:~:text=Open%20another%20terminal%20session%20and%20run%3A%20%24%20bin%2Fkafka-topics.sh,command%20without%20any%20arguments%20to%20display%20usage%20information>.

1. Extract the .tgz file using below commands in powershell:

PS C:\Users\bkart\Downloads> tar -xzf kafka\_2.13-3.8.0.tgz

PS C:\Users\bkart\Downloads> cd kafka\_2.13-3.8.0

1. Strating servers:
   1. D:\kafka\_2.13-3.8.0\bin\windows>kafka-server-start.bat D:/kafka\_2.13-3.8.0/config/server.properties
   2. D:\kafka\_2.13-3.8.0\bin\windows>zookeeper-server-start.bat D:/kafka\_2.13-3.8.0/config/zookeeper.properties
2. Creating kafka topic

D:\kafka\_2.13-3.8.0\bin\windows>kafka-topics.bat --create --topic test\_producer01 --bootstrap-server localhost:9092

1. Testing:

D:\kafka\_2.13-3.8.0\bin\windows>kafka-topics.bat --describe --topic test\_producer01 --bootstrap-server localhost:9092

1. Producing Data:

D:\kafka\_2.13-3.8.0\bin\windows>kafka-console-producer.bat --topic test\_producer01 --bootstrap-server localhost:9092

>{"name": "John Smith","sku" : "20223", "price" : 23.95}

>{"name": "A b","sku" : "20223", "price" : 23.95}

>{"name": "B c","sku" : "2022", "price" : 23.95}

>{"name": "D e","sku" : "2021", "price" : 23.95}

>{"name": "F g","sku" : "2022", "price" : 23.95}

>{"name": "H i","sku" : "223", "price" : 23.95}

1. Consuming Data:

D:\kafka\_2.13-3.8.0\bin\windows>kafka-console-consumer.bat --topic test\_producer01 --from-beginning --bootstrap-server localhost:9092

{"name": "John Smith","sku" : "20223", "price" : 23.95}

{"name": "A b","sku" : "20223", "price" : 23.95}

{"name": "B c","sku" : "2022", "price" : 23.95}

{"name": "D e","sku" : "2021", "price" : 23.95}

{"name": "F g","sku" : "2022", "price" : 23.95}

{"name": "H i","sku" : "223", "price" : 23.95}