List of Kafka Real Time Projects

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Kalyan Big Data Project 1	
Project Name	How To Stream CSV Data Into Phoenix Using Apache Kafka
Project Code	https://github.com/kalyanhadooptraining/kalyan-bigdata-realtime-projects/tree/master/kafka/project1-phoenix-csv
Learnings of this Project	➢ We will learn Kafka Configurations and Commands ➢ Kafka Information 1. Kalyan Util (CSV data generator) 2. Kafka Producer (Listen on CSV data) 3. Kafka Consumer (Recieves the data from Kafka Producer) 4. Phoenix Consumer (Write the data into Phoenix Table) ➢ Major project in Real Time `Product Log Analysis` 1. We are extracting the data from server logs 2. This data will be useful to do analysis on product views 3. CSV is the output format ➢ We can use phoenix to analyze this data

Kalyan Big Data Project 2	
Project Name	How To Stream JSON Data Into Phoenix Using Apache Kafka
Project Code	https://github.com/kalyanhadooptraining/kalyan-bigdata-realtime-projects/tree/master/kafka/project2-phoenix-json
Learnings of this Project	➢ We will learn Kafka Configurations and Commands ➢ Kafka Information 1. Kalyan Util (JSON data generator) 2. Kafka Producer (Listen on JSON data) 3. Kafka Consumer (Recieves the data from Kafka Producer) 4. Phoenix Consumer (Write the data into Phoenix Table) ➢ Major project in Real Time `Product Log Analysis` 1. We are extracting the data from server logs 2. This data will be useful to do analysis on product views 3. JSON is the output format ➢ We can use phoenix to analyze this data

Kalyan Big Data Project 3	
Project Name	How To Stream REGEX Data Into Phoenix Using Apache Kafka
Project Code	https://github.com/kalyanhadooptraining/kalyan-bigdata-realtime-projects/tree/master/kafka/project3-phoenix-regex
Learnings of this Project	➢ We will learn Kafka Configurations and Commands ➢ Kafka Information 1. Kalyan Util (Complex data generator) 2. Kafka Producer (Listen on Complex data) 3. Kafka Consumer (Recieves the data from Kafka Producer) 4. Phoenix Consumer (Write the data into Phoenix Table) ➢ Major project in Real Time `Product Log Analysis` 1. We are extracting the data from server logs 2. This data will be useful to do analysis on product views 3. Complex Data is the output format then REGEX is best solution ➢ We can use phoenix to analyze this data

Kalyan Big Data Project 4	
Project Name	How To Stream CSV Data Into Hadoop Using Apache Flume - Kafka Source
Project Code	https://github.com/kalyanhadooptraining/kalyan-bigdata-realtime-projects/tree/master/kafka/project4-flume-kafka-source
Learnings of this Project	➢ We will learn Flume Configurations and Commands ➢ Flume Agent 1. Source (Kafka Source) 2. Channel (Memory Channel) 3. Sink (Hdfs Sink) ➢ We will learn Kafka Configurations and Commands ➢ Kafka Information 1. Kalyan Util (CSV data generator) 2. Kafka Producer (Listen on CSV data) 3. Kafka Consumer (Recieves the data from Kafka Producer) 4. Flume Kafka Source (Will Send the Kafka Producer data to Flume Channel) ➢ Major project in Real Time `Product Log Analysis` 1. We are extracting the data from server logs 2. This data will be useful to do analysis on product views 3. CSV is the output format ➢ We can use hive / pig / mapreduce to analyze this data 1. explore hive query to analysis 2. explore pig scripts to analysis 3. explore mapreduce to analysis

Kalyan Big Data Project 5	
Project Name	How To Stream CSV Data Into Hadoop Using Apache Flume – Kafka Sink
Project Code	https://github.com/kalyanhadooptraining/kalyan-bigdata-realtime-projects/tree/master/kafka/project5-flume-kafka-sink
Learnings of this Project	➢ We will learn Flume Configurations and Commands ➢ Flume Agent 1. Source (Exec Source) 2. Channel (Memory Channel) 3. Sink (Kafka Sink) ➢ We will learn Kafka Configurations and Commands ➢ Kafka Information 1. Kalyan Util (CSV data generator) 2. Kafka Producer (Listen on CSV data) 3. Kafka Consumer (Recieves the data from Kafka Producer) 4. Flume Kafka Sink (Will Recieves the Kafka Sink data from Flume Channel) ➢ Major project in Real Time `Product Log Analysis` 1. We are extracting the data from server logs 2. This data will be useful to do analysis on product views 3. CSV is the output format ➢ We can use hive / pig / mapreduce to analyze this data 1. explore hive query to analysis 2. explore pig scripts to analysis 3. explore mapreduce to analysis

Kalyan Big Data Project 6	
Project Name	How To Stream CSV Data Into Hadoop Using Apache Flume - Kafka Channel
Project Code	https://github.com/kalyanhadooptraining/kalyan-bigdata-realtime-projects/tree/master/kafka/project6-flume-kafka-channel
Learnings of this Project	➢ We will learn Flume Configurations and Commands ➢ Flume Agent 1. Source (Exec Source) 2. Channel (Kafka Channel) 3. Sink (Hdfs Sink) ➢ We will learn Kafka Configurations and Commands ➢ Kafka Information 1. Kalyan Util (CSV data generator) 2. Kafka Producer (Listen on CSV data) 3. Kafka Consumer (Recieves the data from Kafka Producer) 4. Flume Kafka Channel (Will Recieves the Kafka Channel data from Flume Source) ➢ Major project in Real Time `Product Log Analysis` 1. We are extracting the data from server logs 2. This data will be useful to do analysis on product views 3. CSV is the output format ➢ We can use hive / pig / mapreduce to analyze this data 1. explore hive query to analysis 2. explore pig scripts to analysis 3. explore mapreduce to analysis