Case Study 3 — Real-Time Data Lakehouse Architecture By Kafeel Kamran

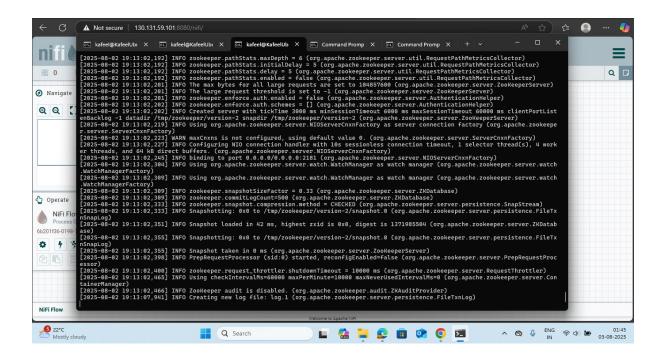
Data: hw_200.csv,

Sales.csv (https://www.kaggle.com/datasets/karkavelrajaj/amazon-sales-dataset)

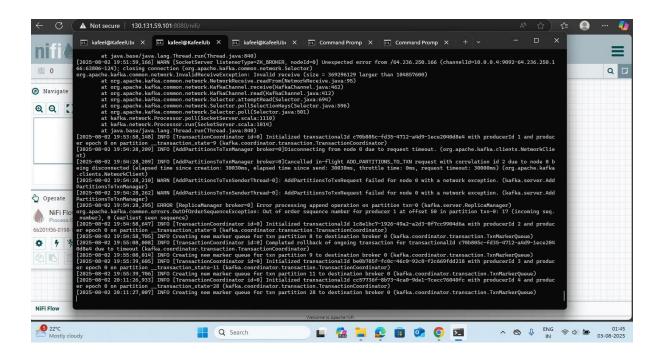
Docs for reference

Basic Environment setup (Nifi + Kafka)

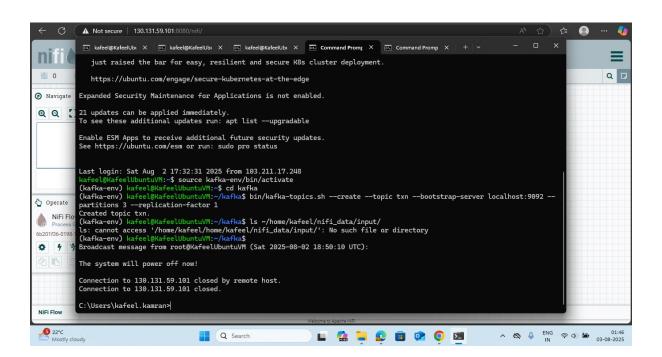
• Start and run zookeeper



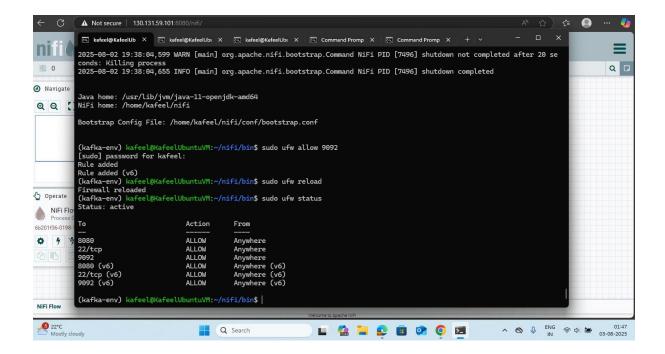
• Start and run Kafka server



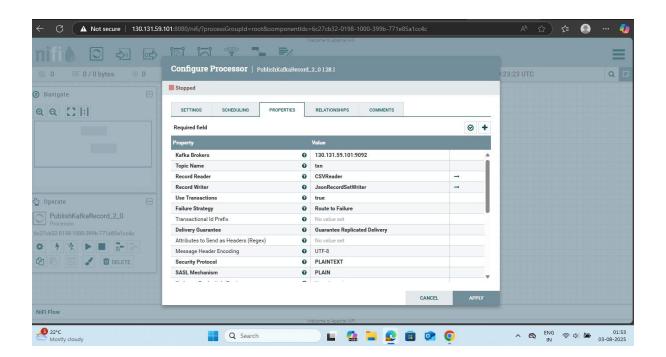
• Create a topic 'txn' from VM



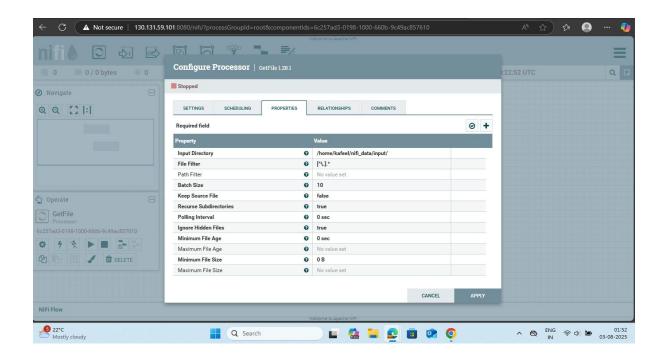
• Configure and run Nifi



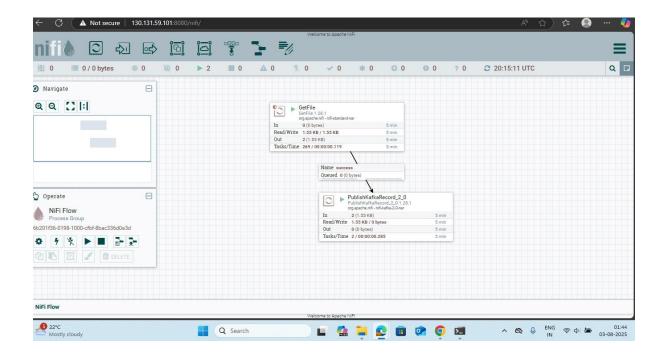
• KafkaPublish_2.0 Config



• Getfile (input dir config)



• Nifi Ingestor Processor (Getfile --> PublishKafka_2.0)



• Storage Account

