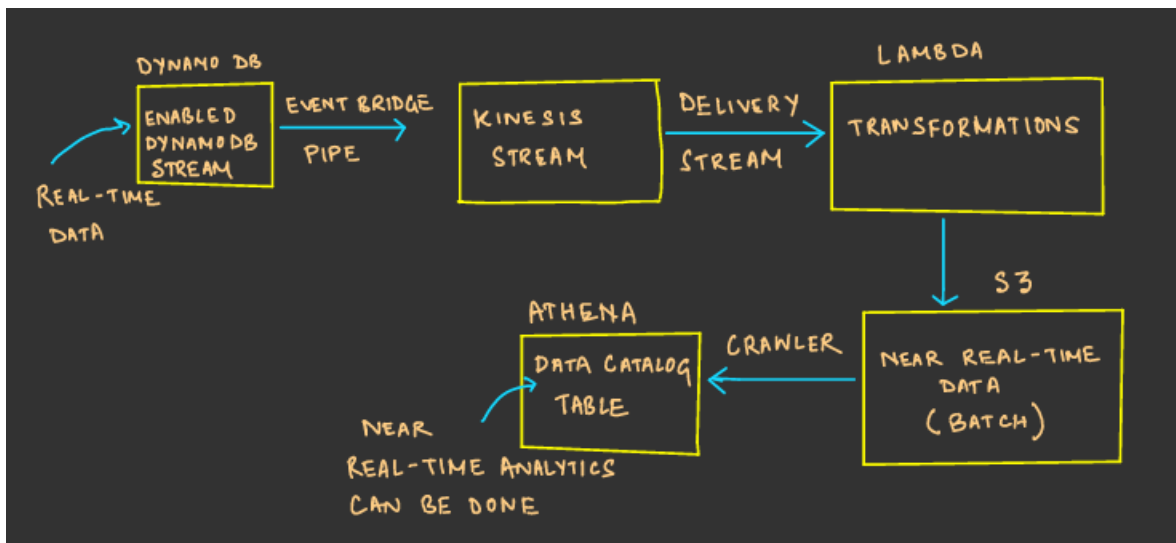➢ **End to end Sales Data projection pipeline:**

Tech stack : AWS Dynamo db,Kinesis,EventBridge,Lambda,S3,Glue,Athena,python,SQL

Project design:

Project execution steps:

- Real-time data comes into Dynamodb table. Enabled DynamoDB stream.
- Created EventBridge pipe transferring data from DynamoDB stream to Kinesis stream.
- Created Delivery stream in Kinesis Data Firehose keeping source as Kinesis Data stream, performing transformations in Lambda and transferring near real-time data in batch to S3.
- Created Crawler in Glue which would crawl the files in S3, read Json data (added JSON classifier) and maintain in Data catalog table. Near real-time analytics can be done on top of it in Athena.

EventBridge pipe: