3**. Serverless Data Processing Pipeline**

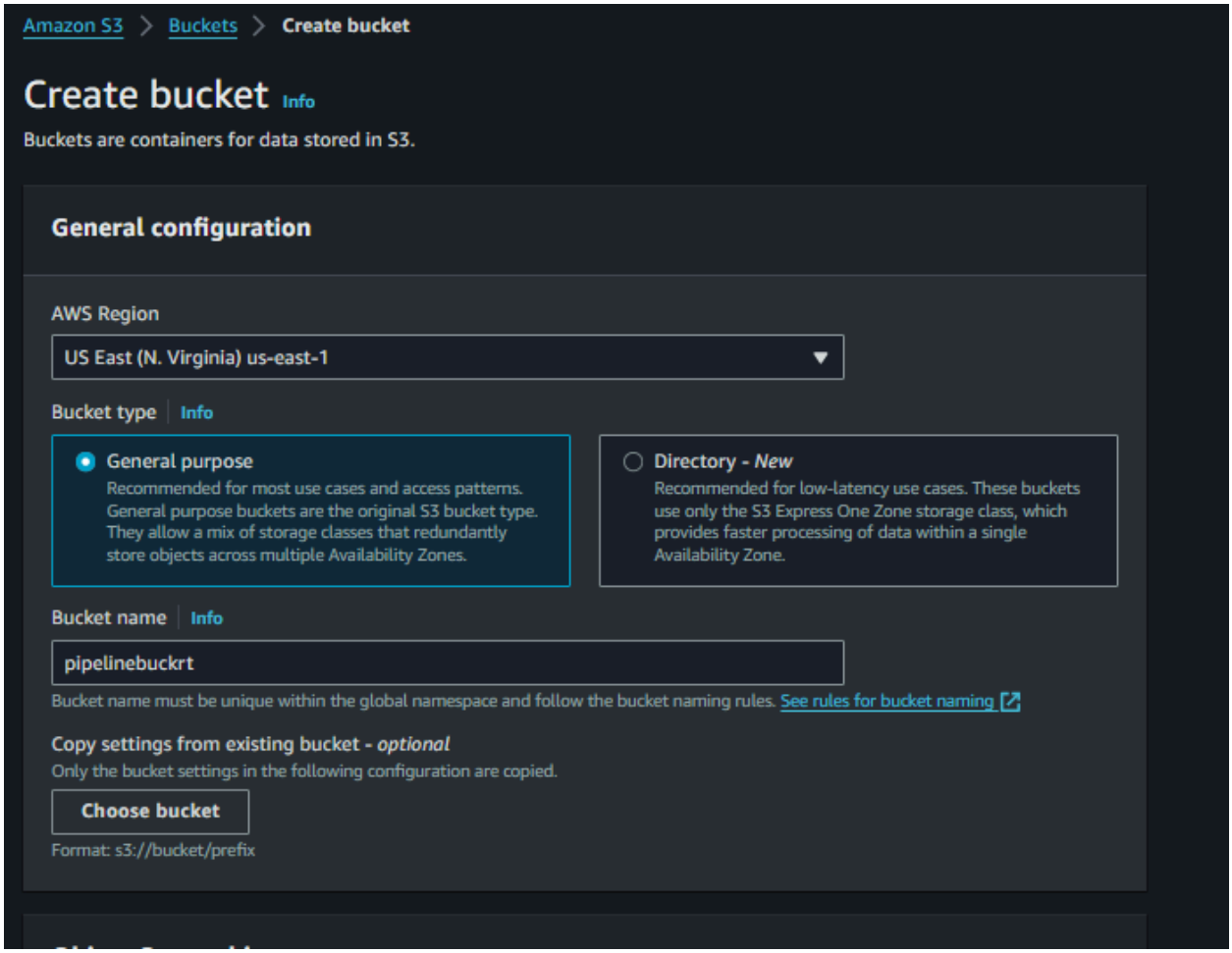
Objective: Build a serverless pipeline for processing data (e.g., log processing or ETL jobs).

Approach:

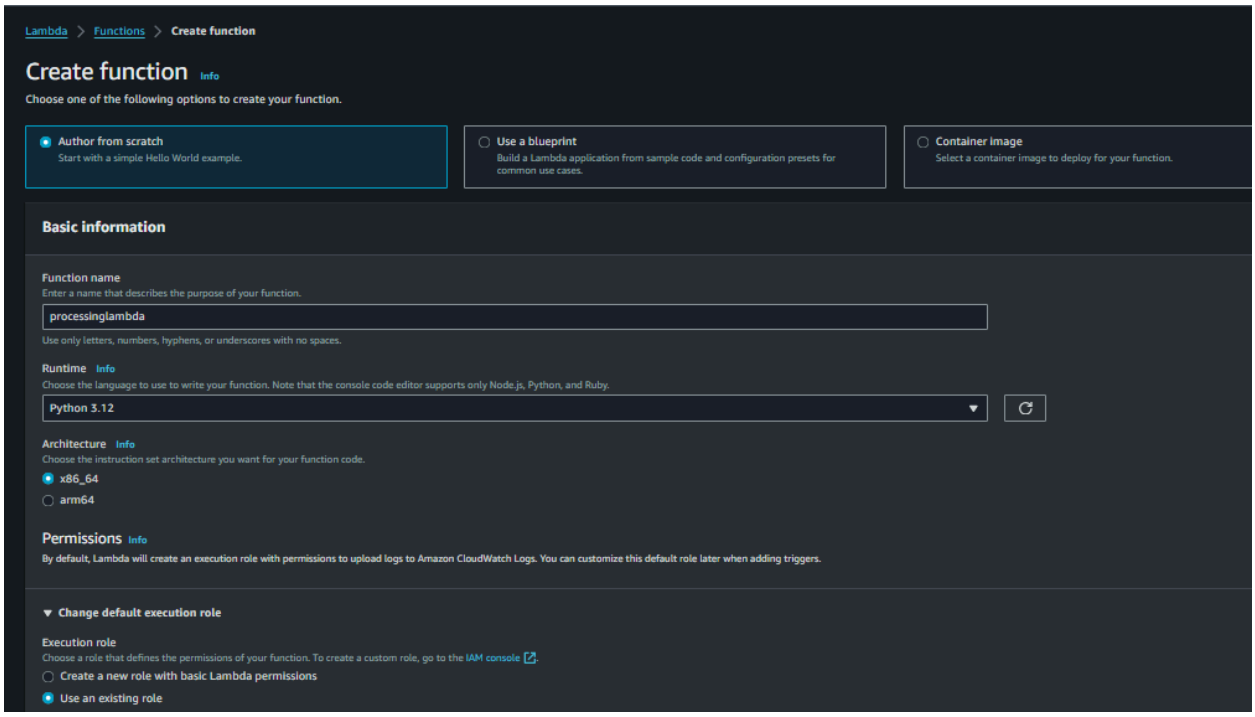
- **Data Ingestion**: Use AWS services like S3 or Kinesis to ingest data.
- **Processing**: Create Lambda functions to process the ingested data.
- **Storage**: Store the processed data in an appropriate AWS service, like S3 or DynamoDB.
- **Monitoring**: Set up CloudWatch to monitor the pipeline's performance and to log any issues.

Goal: Learn to build a serverless data processing pipeline, understanding the flow of data through various AWS services.

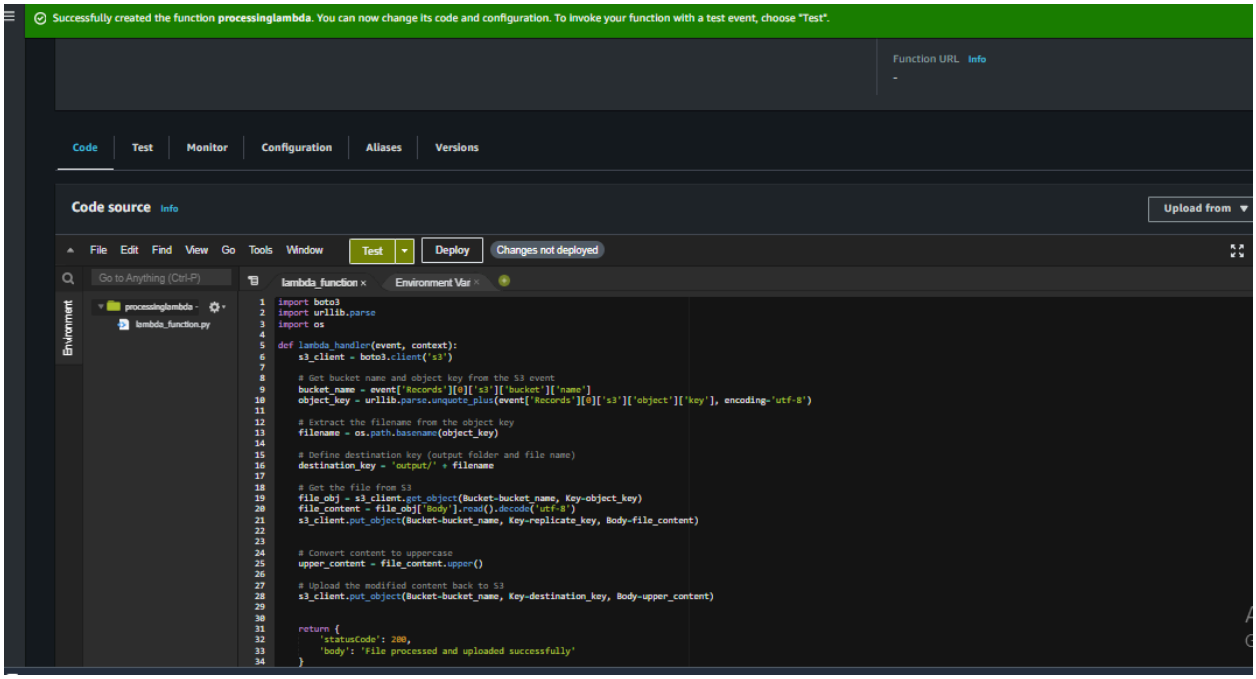
1. Create S3 bucket:



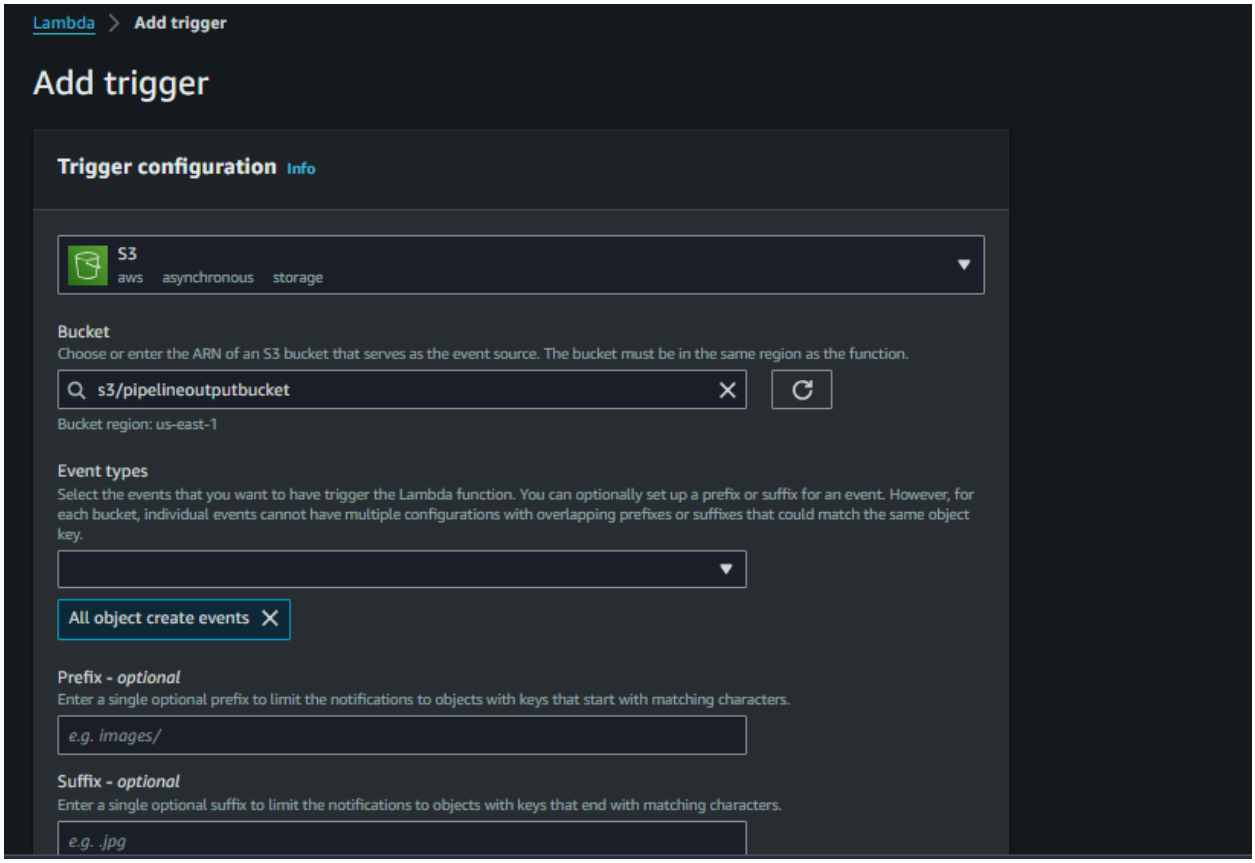
2. Create Lambda Function:



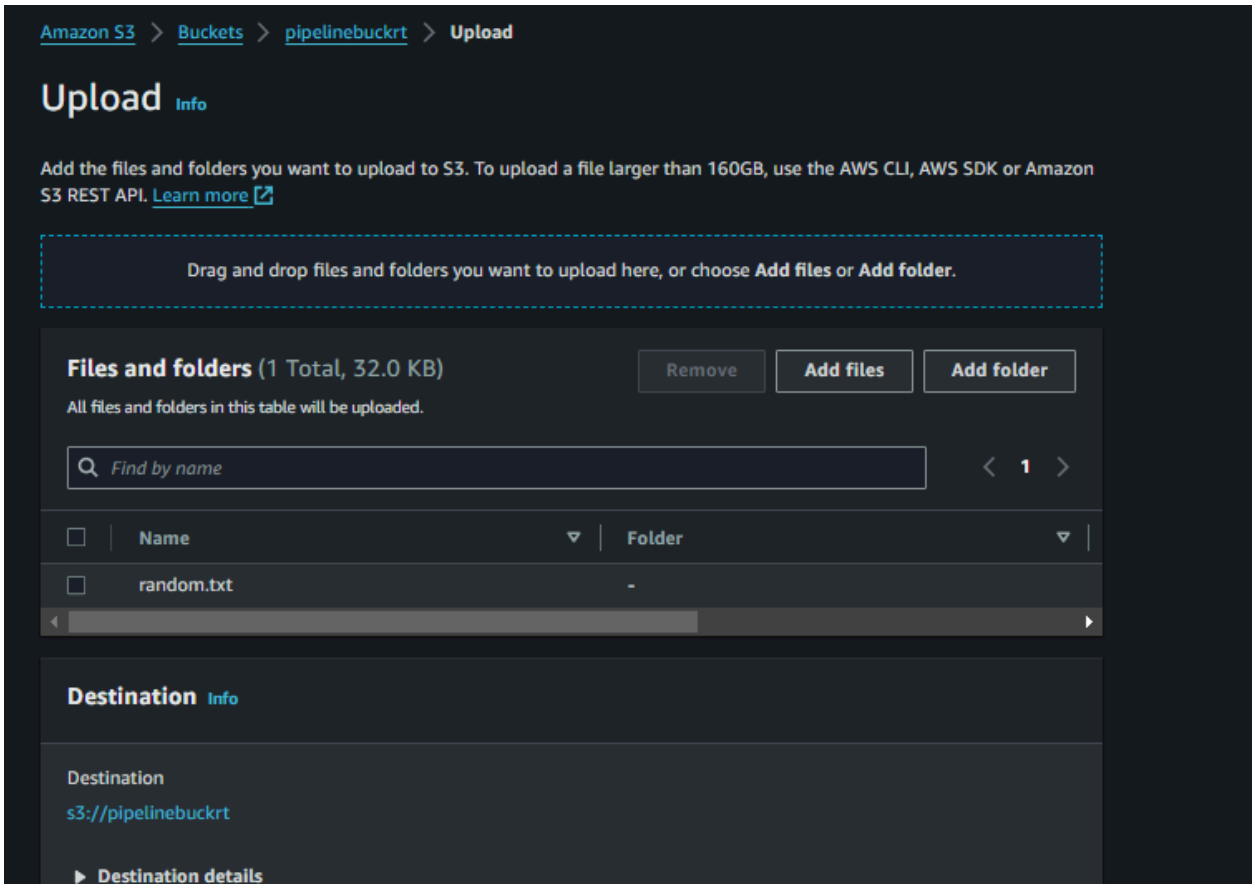
3. Code was placed to transform the received data to upper case and it triggers when the file is uploaded to s3 bucket



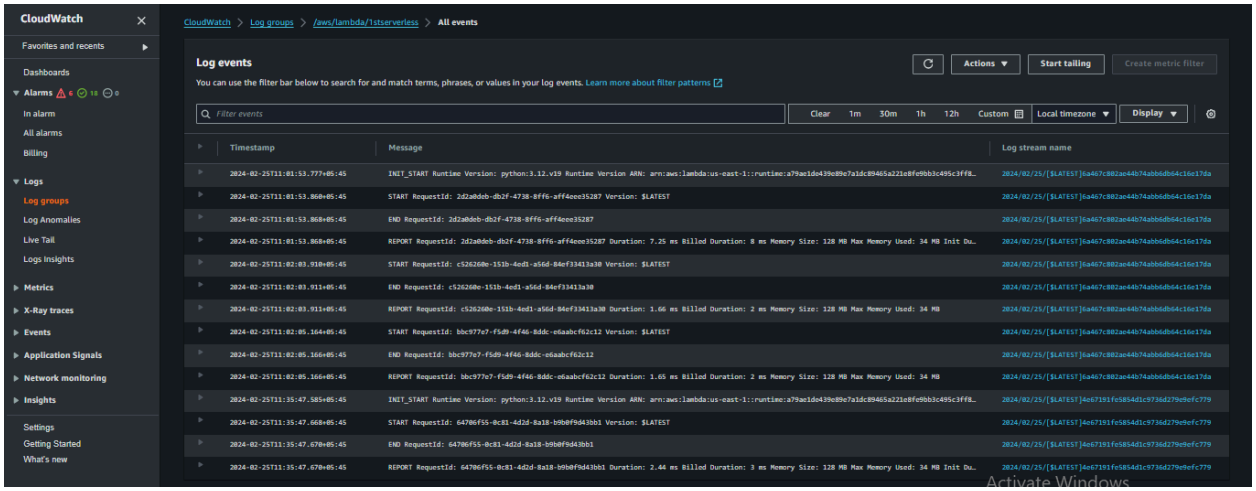
4.Add trigger



5.Upload file to s3 bucket



5. Here is the log report from the cloud watch that lambda function was triggered successfully



6. Here is the query that our lower case data was successfully transformed to upper case