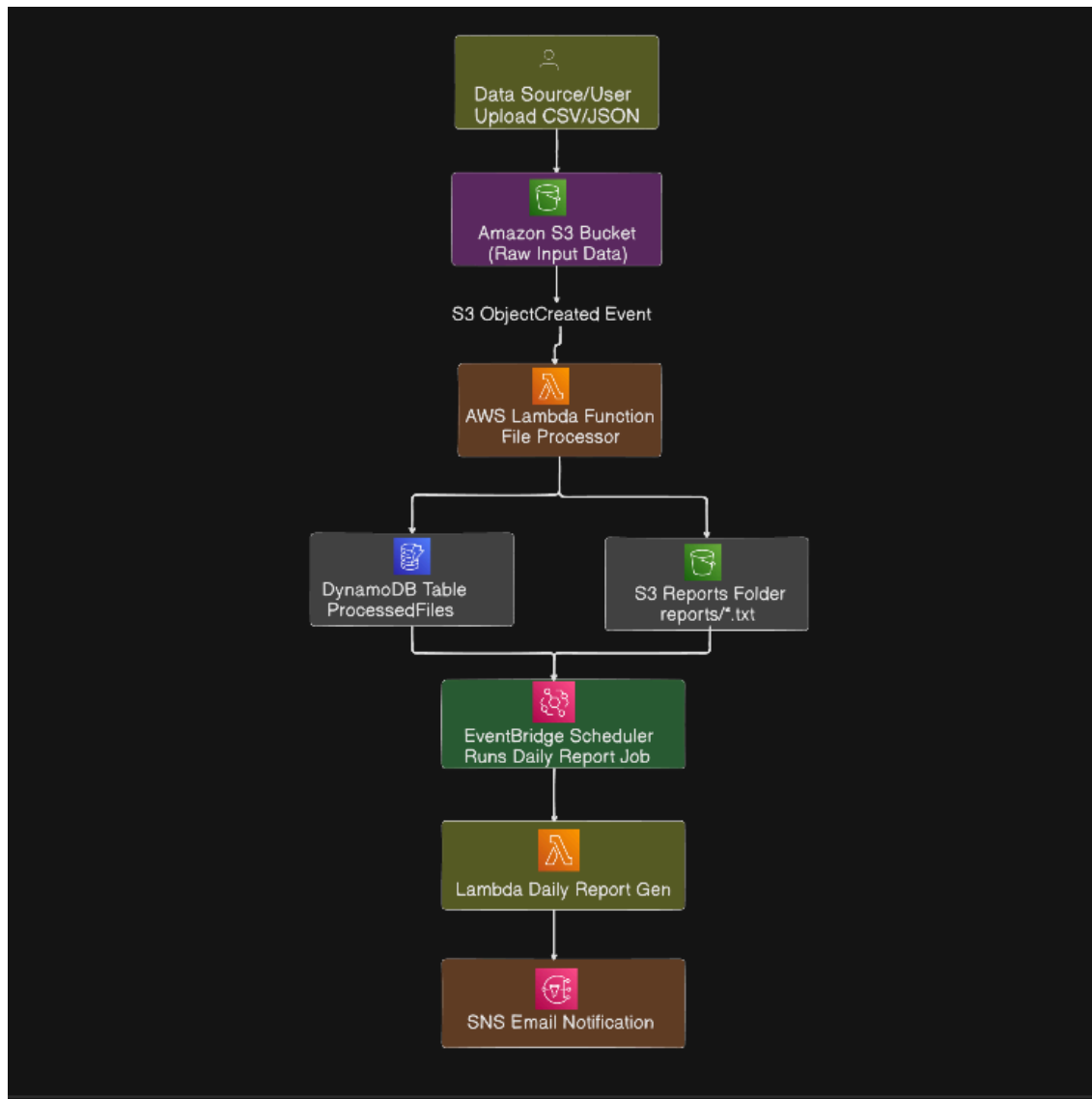# ARCHITECTURE FLOW DIAGRAM

This project implements an event-driven data processing pipeline on AWS.
Incoming files are uploaded to an S3 bucket, which triggers an AWS Lambda function automatically.
The Lambda function processes the file, stores metadata in DynamoDB, and generates a summary report back into S3.
Daily reporting is supported through EventBridge scheduling, and notifications can be delivered using SNS.
The entire infrastructure is deployed using Terraform as Infrastructure as Code and CI/CD automation is supported using GitHub Actions.