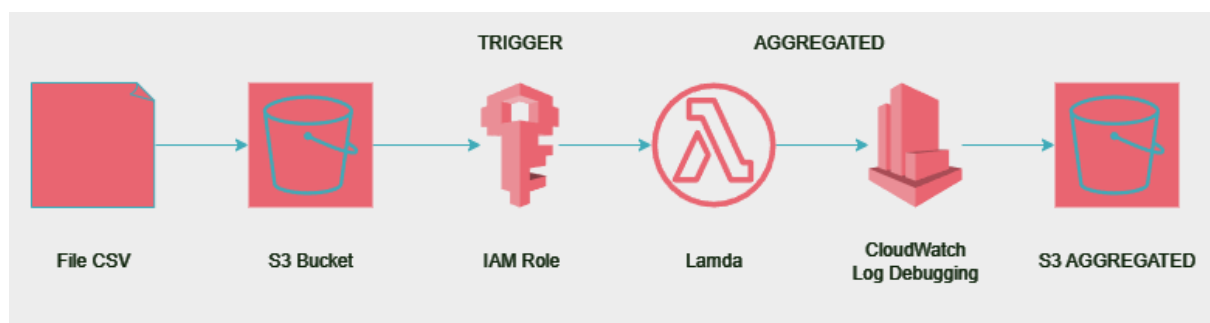# Data Pipeline Project

In this project I developed an end to end data pipeline project for aggregated data with data pipeline.

Tools used for this project :
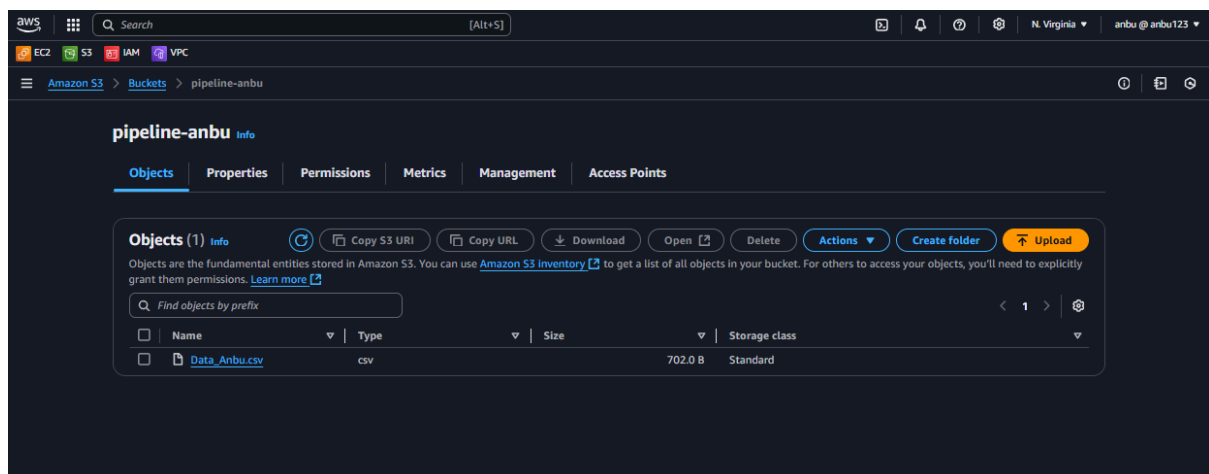
1. AWS S3
2. AWS IAM Role
3. AWS Lambda
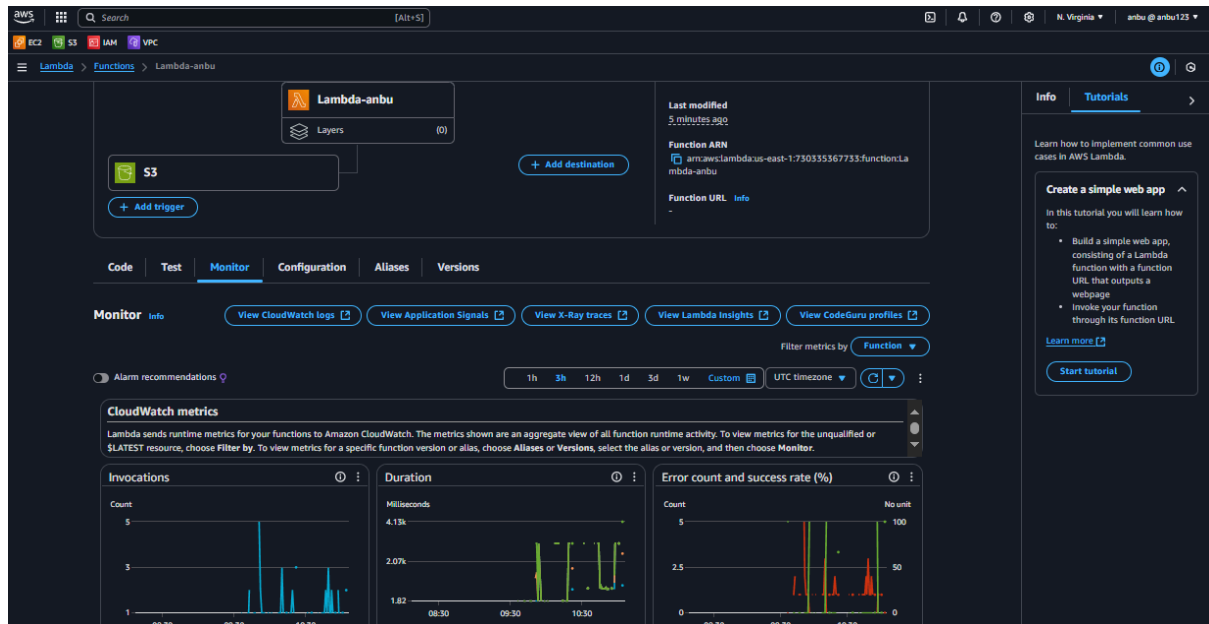4. AWS Cloudwatch.

Project Plan :

S3 Bucket creation :

I created an AWS S3 bucket. I have upload sample to that for proceeding data regarding this pipeline.
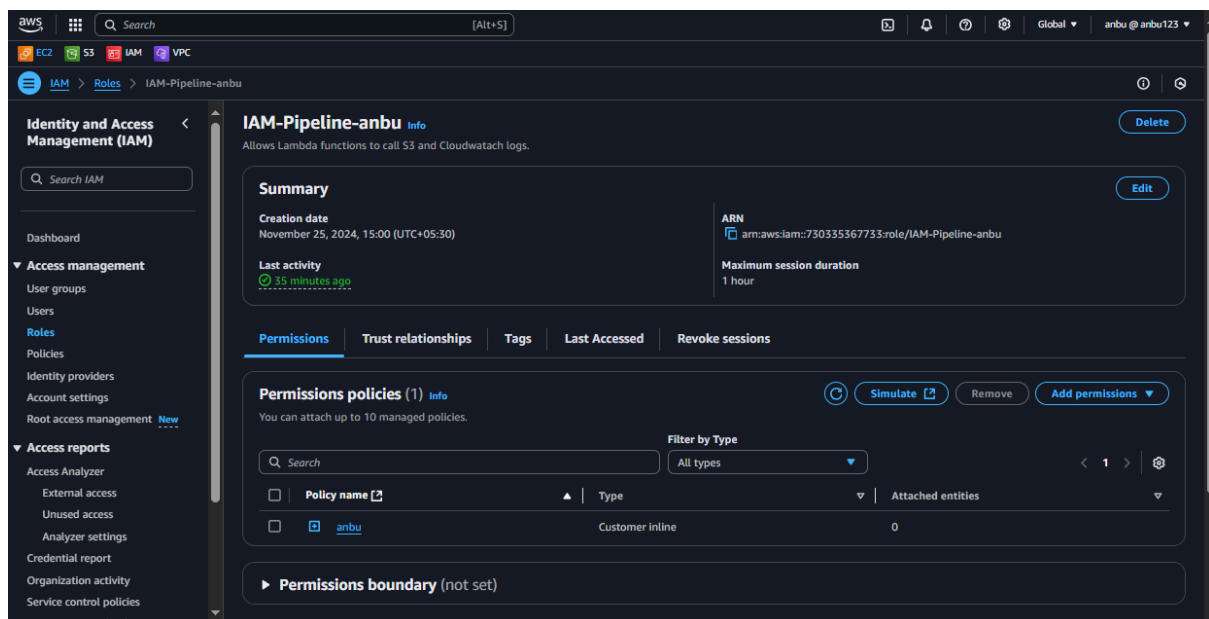
Lambda Function :

I provisioned a lambda resource for data pipeline for connecting with S3 for whenever a request comes from S3 bucket a code (which is developed in python code) will be trigger in lambda.
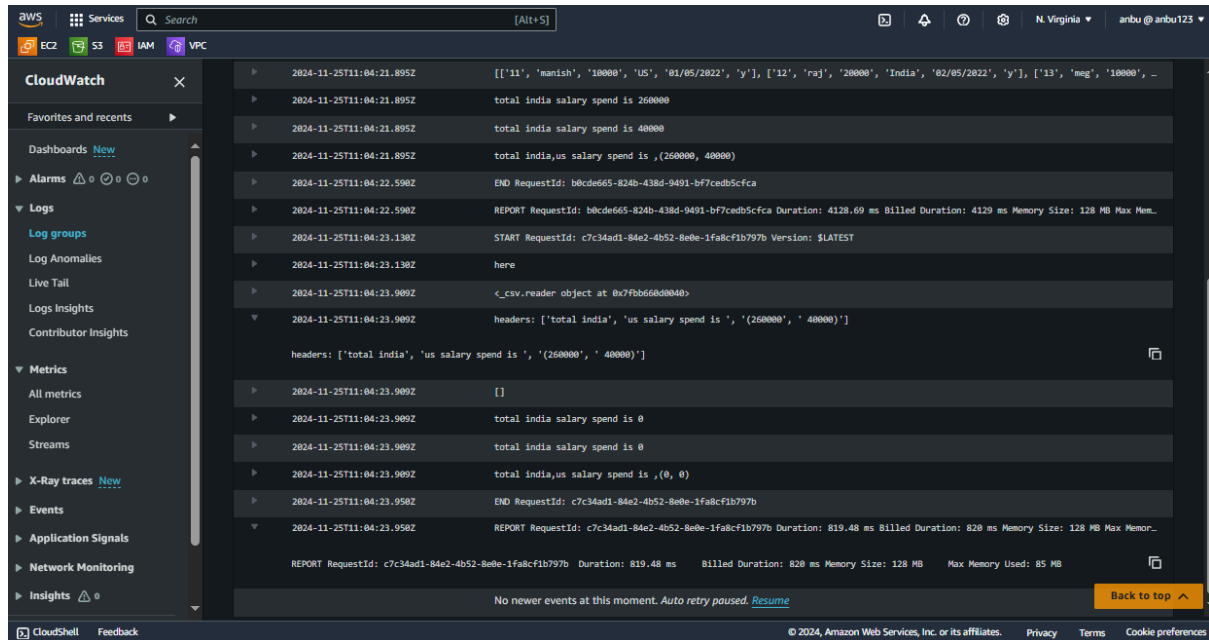

IAM Role:

I established roles (Inline policy) between S3 and cloudwatch for lambda for data pipeline.
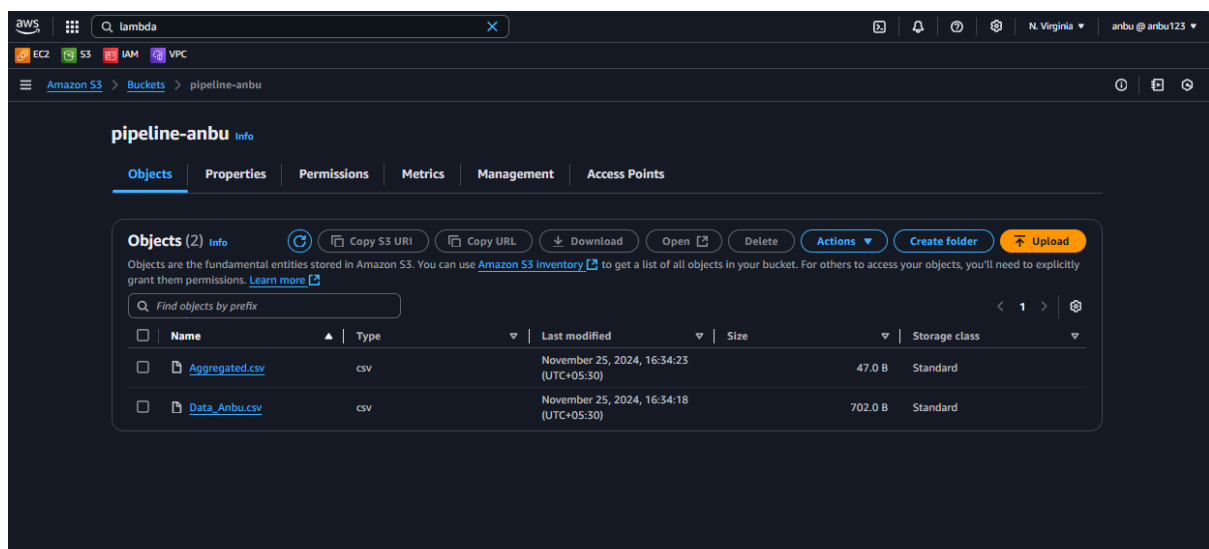
Cloudwatch monitor :

      I monitor lambda function whether request has been sent or not and watch metrics from cloudwatch for lambda function health.

S3 aggregated results flow from lambda function. ⬇️

Thank you ! Happy Learning !