**Steps to Setup and Deploy the code in AWS Cloud.**

1. Package the code:

zip -r aws\_lambda.zip aws\_lambda.py

1. Create an IAM role with permissions to access S3 and CloudWatch logs.
2. Create Lambda function:

aws lambda create-function --function-name my-lambda-function \

--zip-file fileb://aws\_lambda.zip --handler lambda\_function.lambda\_handler \

--runtime python3.8 --role <iam-role-arn>

1. Set up trigger: Configure S3 bucket as trigger for Lambda function.
2. Test the function: Upload CSV file (**employee\_details.csv**) to the S3 bucket and check if the transformed CSV file (**transformed\_employee\_details.csv**) appears in the S3 bucket.

**Data Flow Diagram:**

