Created a S3 Bucket and few files Have been uploaded on the back date.

A screenshot of a computer

AI-generated content may be incorrect.

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Python Code:

import boto3

import json

from datetime import datetime, timezone, timedelta

# Initialize the S3 client

s3\_client = boto3.client('s3')

def lambda\_handler(event, context):

    # Change this to your bucket name

    bucket\_name = "lissys3bucket"

    # Calculate the cutoff date (30 days ago)

    cutoff\_date = datetime.now(timezone.utc) - timedelta(days=30)

    deleted\_files = []

    # List objects in the bucket

    response = s3\_client.list\_objects\_v2(Bucket=bucket\_name)

    if 'Contents' in response:

        for obj in response['Contents']:

            key = obj['Key']

            last\_modified = obj['LastModified']

            # Check if object is older than 30 days

            if last\_modified < cutoff\_date:

                # Delete the object

                s3\_client.delete\_object(Bucket=bucket\_name, Key=key)

                deleted\_files.append(key)

                print(f"Deleted: {key}")

    else:

        print("No objects found in the bucket.")

    return {

        "statusCode": 200,

        "body": json.dumps({

            "DeletedFiles": deleted\_files,

            "Count": len(deleted\_files)

        })

    }

Response:

{

  "statusCode": 200,

  "body": "{\"DeletedFiles\": [\"Complete Python & VS Code Installation Guide for DevOps (1).pdf\"], \"Count\": 1}"

}

Function Logs:

START RequestId: be672ecc-6b3b-4aa2-8594-88e3eae0fd7a Version: $LATEST

Deleted: Complete Python & VS Code Installation Guide for DevOps (1).pdf

END RequestId: be672ecc-6b3b-4aa2-8594-88e3eae0fd7a

REPORT RequestId: be672ecc-6b3b-4aa2-8594-88e3eae0fd7a  Duration: 364.28 ms Billed Duration: 365 ms Memory Size: 128 MB Max Memory Used: 91 MB  Init Duration: 1169.77 ms

Request ID: be672ecc-6b3b-4aa2-8594-88e3eae0fd7a