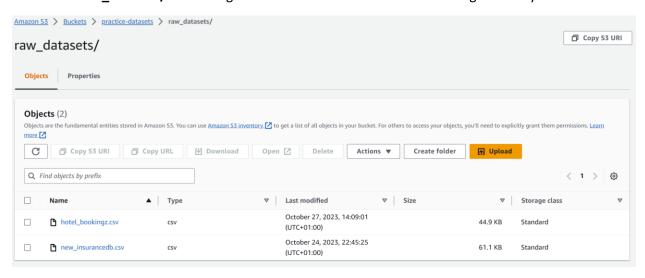
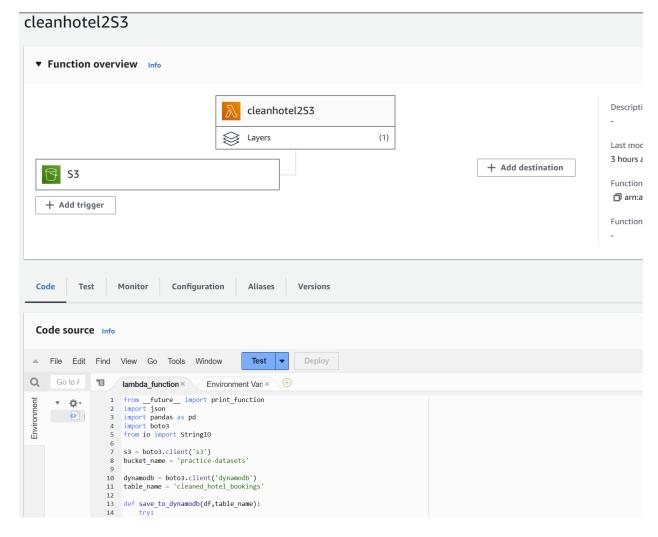
# Python function to migrate all files (CSV) to S3 bucket

```
import boto3
        import os
        import glob
       s3 = boto3.resource('s3')
       dir_path = './'
       csv_files = glob.glob(os.path.join(dir_path, '*.csv'))
#json_files = glob.glob(os.path.join(dir_path, '*.json'))
#all_files = csv_files + json_files
        all files = csv files
        for rawfile in all_files:
            if rawfile.endswith('.csv'):
                       file = open(rawfile, 'rb')
                        file_name = os.path.basename(rawfile)
                       object = s3.Object('practice-datasets','raw_datasets/' + file_name)
ret = object.put(Body=file,Metadata={'filename':file_name})
                       print (file_name, " is uploaded")
                       print(f'Error uploading {file_name}: {str(e)}')
 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS F:\Data Engineering\Practices\Data Migration - GitHub> <mark>aws</mark> configure list
Name Value Type Location
   profile
                  access_key
secret_key
region us-east-2 config-file ~/.aws/config
PS F:\Data Engineering\Practices\Data Migration - GitHub> python migrate_to_s3.py
hotel_bookingz.csv is uploaded
PS F:\Data Engineering\Practices\Data Migration - GitHub>
```

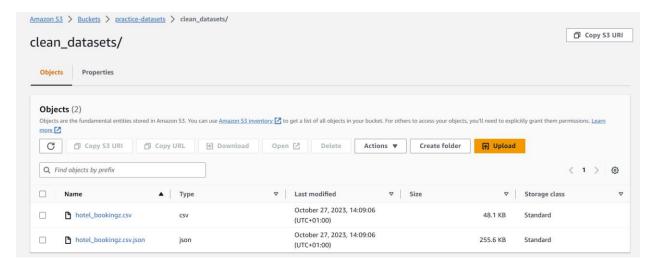
# S3 folder raw\_datasets/ where migrated raw files are stored before cleaning on the fly



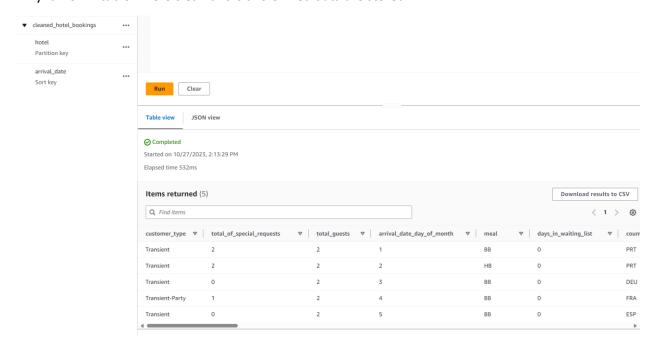
## # Lambda function cleanhotel2S3, showing its S3 Trigger and added Python Layer



# S3 folder clean\_datasets/ where clean CSV dataset and a JSON copy of same dataset are stored



# Dynamo DB table where clean and transformed data are stored



Full source codes and steps are on my GitHub repository.