1.**First Lambda function will read top 10 movie records and push them in SQS Queue.**

I used requests module to pull data from source s3 bucket and find top 10 movies as source data is already sorted based on rank. If we had source data unsorted, we may use pandas module to read the json file and then sort data frame based on rank and find top 10 movies.



2.Data Enrich lambda function will get triggered when there are messages in SQS queue.

Function will read the message and find the movie id to call API to get additional details

about same movie and result will be stored in json file.

As source and result received from API are same so I gave preference to stored result receive from API to s3 bucket.



I used cloud formation template to create all resources except s3 bucket and IAM Roles which are required for both lambda functions.

