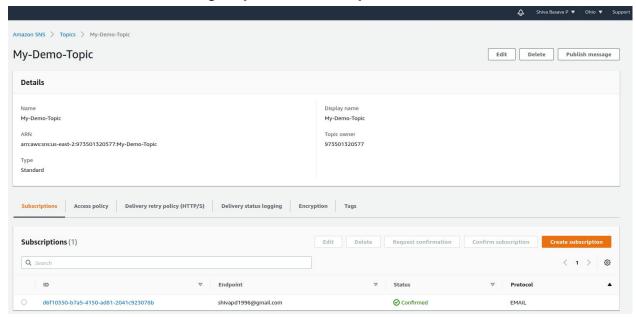
Assignment Solution Day 11 & 12

I. Day 11 Task & Solutions

1. Task 1: Working with SNS

Following is the screenshot -

SNS console, after creating Topic & Subscriptions



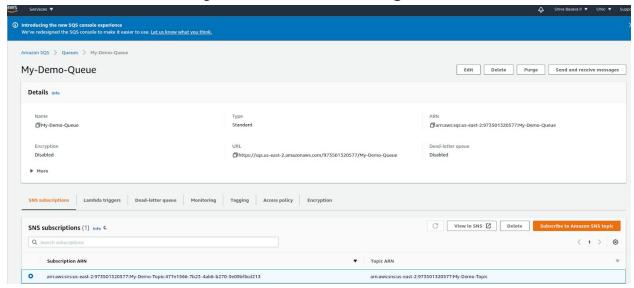
Inbox with the **published message**, After publishing the message from the above **SNS** to the **Subscriber**



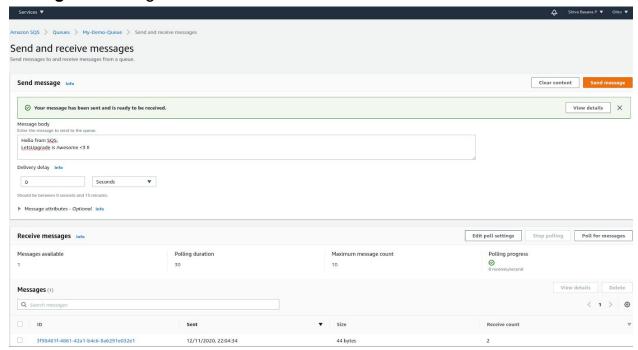
2. Task 2: Working with SQS

Following is the screenshot -

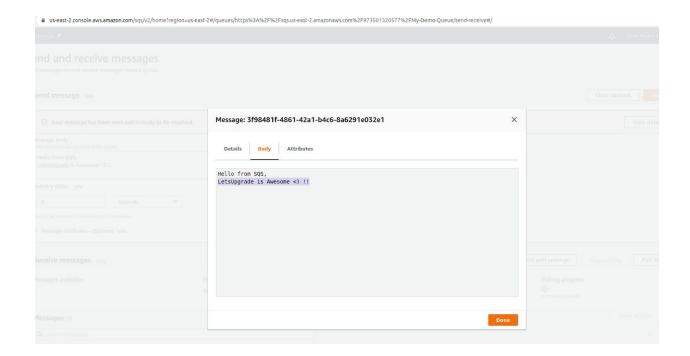
SQS console after creating a Queue & subscribing it to a SNS



Polling for messages

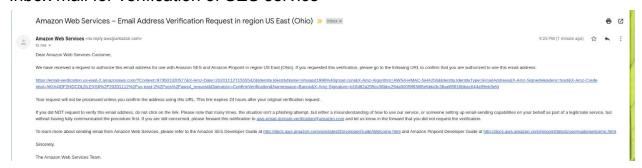


Displayed the polled message window.

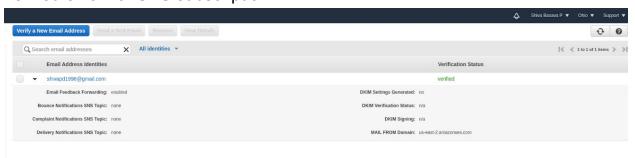


3. <u>Task 3:</u> Working with **SES** Following is the screenshot -

Inbox mail for verification of SES service



Verified email for SES subscription



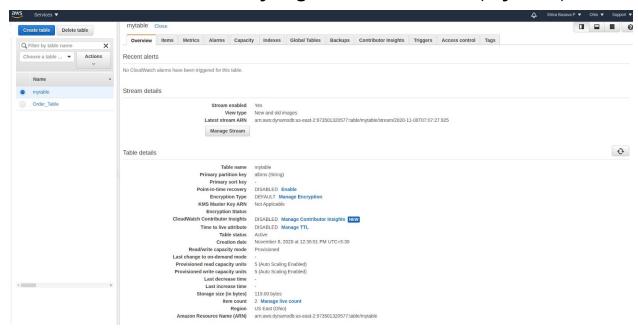
4. Task 4:TRIGGERING CLOUDWATCH EVENT SNS NOTIFICATION

(Trainer mentioned that <u>Task 4</u> is Optional during the lecture. Due to the reason that it includes the CloudWatch.)

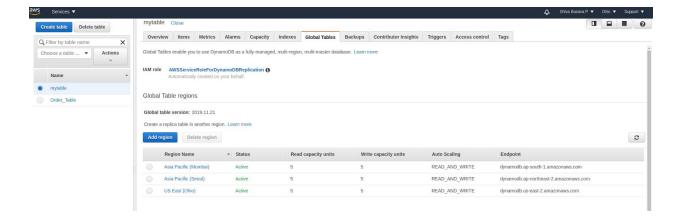
II. Day 12 Task & Solutions

Question 1:

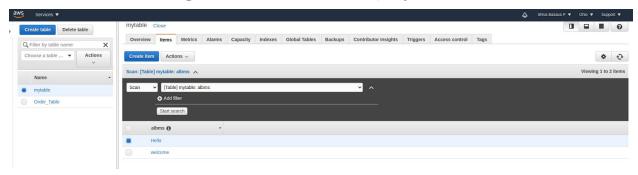
- 1. **Task 1**:Create a dynamo db table with minimum two disaster recovery zones and verify replication.
 - a. Disaster recovery regions with the table (mytable)



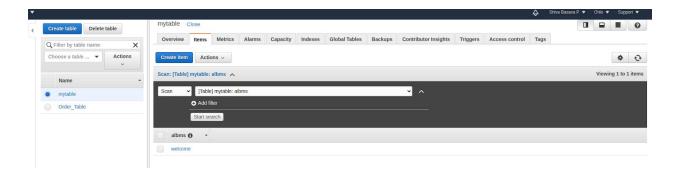
(Global replication, <u>Home region</u>- **Ohio** & <u>Replica regions</u> - **Mumbai**, **Seoul**)

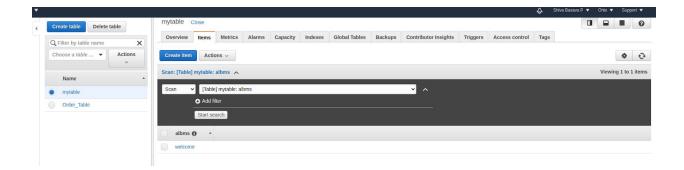


b. Home region with all items displayed



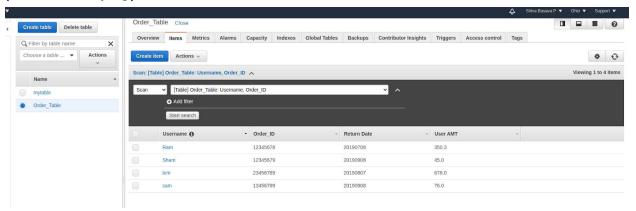
C. Deleting an Item from **Collection** at Home Region(**Ohio**) and verifying the same in another Region(**Mumbai**).



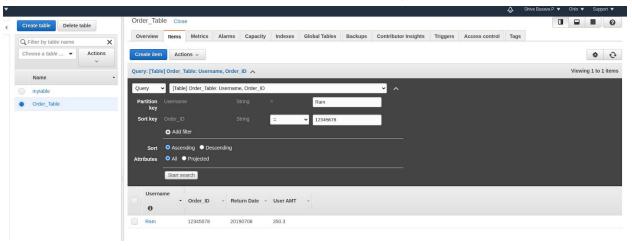


d. Use **query** to fetch few items (Using table - **Order_Table**, from Task 2)

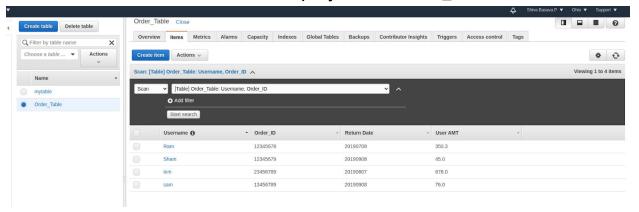
(Before Querying)



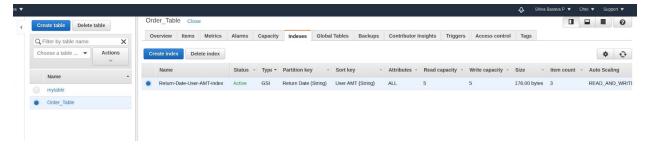
(After Querying, Username - Ram & Order_ID - 12345678)



- 2. **Task 2**:Creating a dynamo DB table with global secondary indexes and fetching data using **global secondary indexes**.
 - a. Table with its items displayed for 'Order_Table'

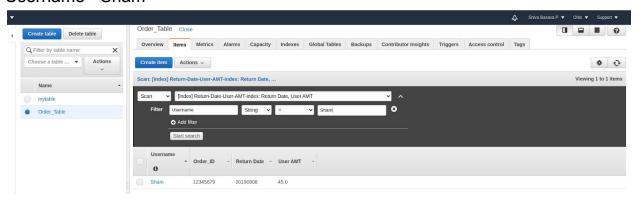


b. Created global secondary index - Return-Date-User-AMT-index

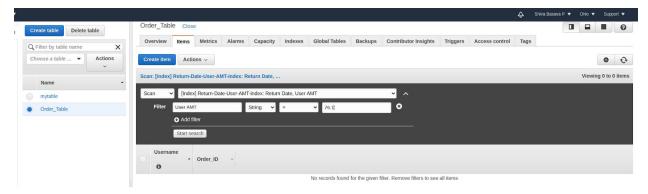


c. Scan with Global secondary index

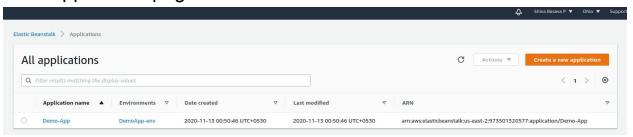
Username - Sham



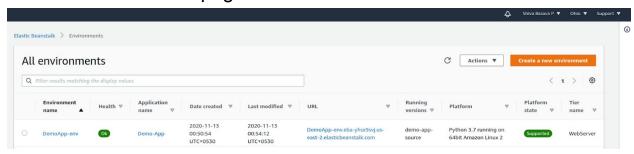
d. When Scanned with the Items value not present in the Table.



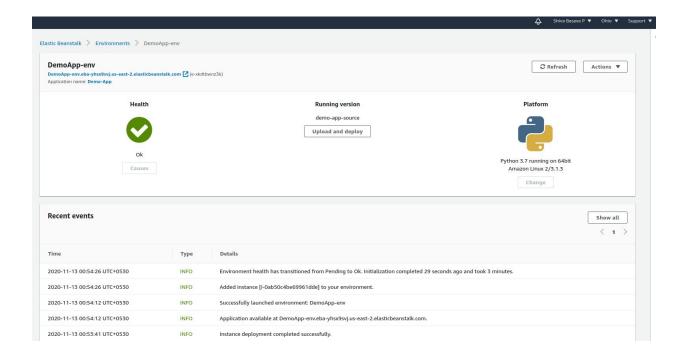
- 3. <u>Task 3:</u> Deploying a python application in AWS Elastic Beanstalk
- a. Application page



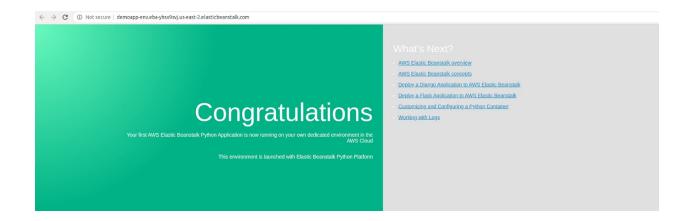
b. Environment list page



c. Environment health status page



d. Web page launched using the Elastic Beanstalk Environment



Question 2:

Submitted this as an Assessment Project - 1, as per the instructions of the Trainer. (In assignment submit form selected **Project-1** for this submission)