EXPERIMENT-4

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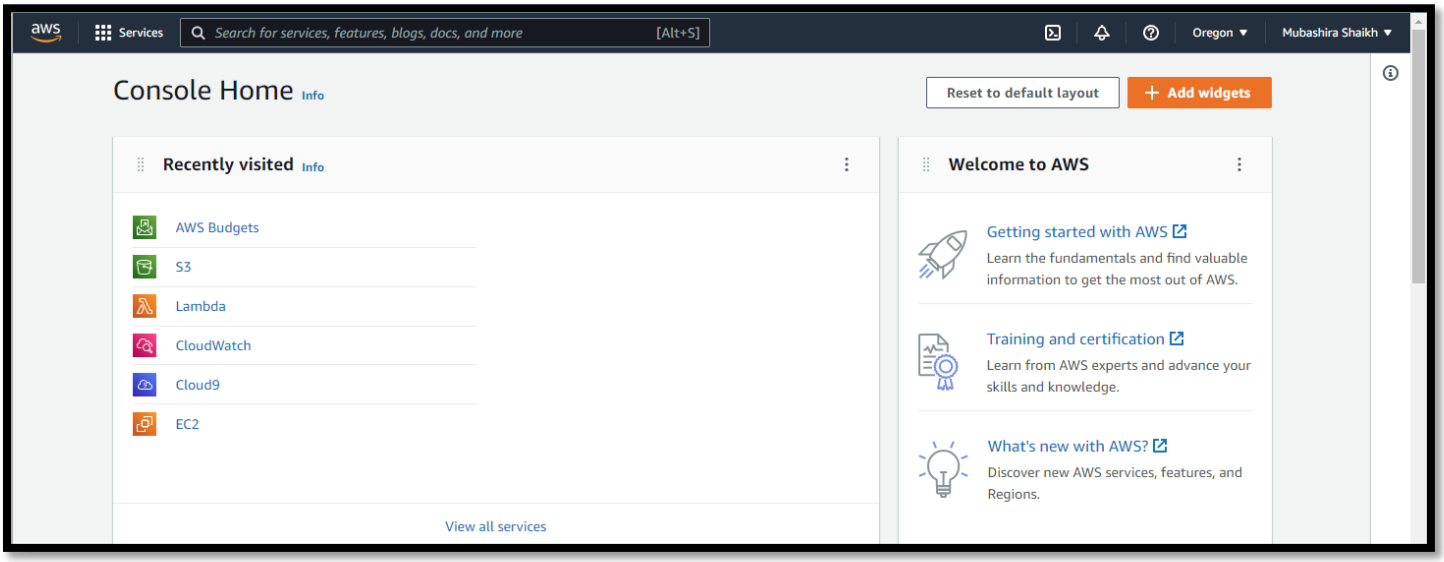
ROLL NO: 612055 **COURSE:** ADVANCE DEVOPS(ITL504)
BRANCH: T.E. INFORMATION TECHNOLOGY (SEM 5)

1. What is NO SQL, key value Databases?

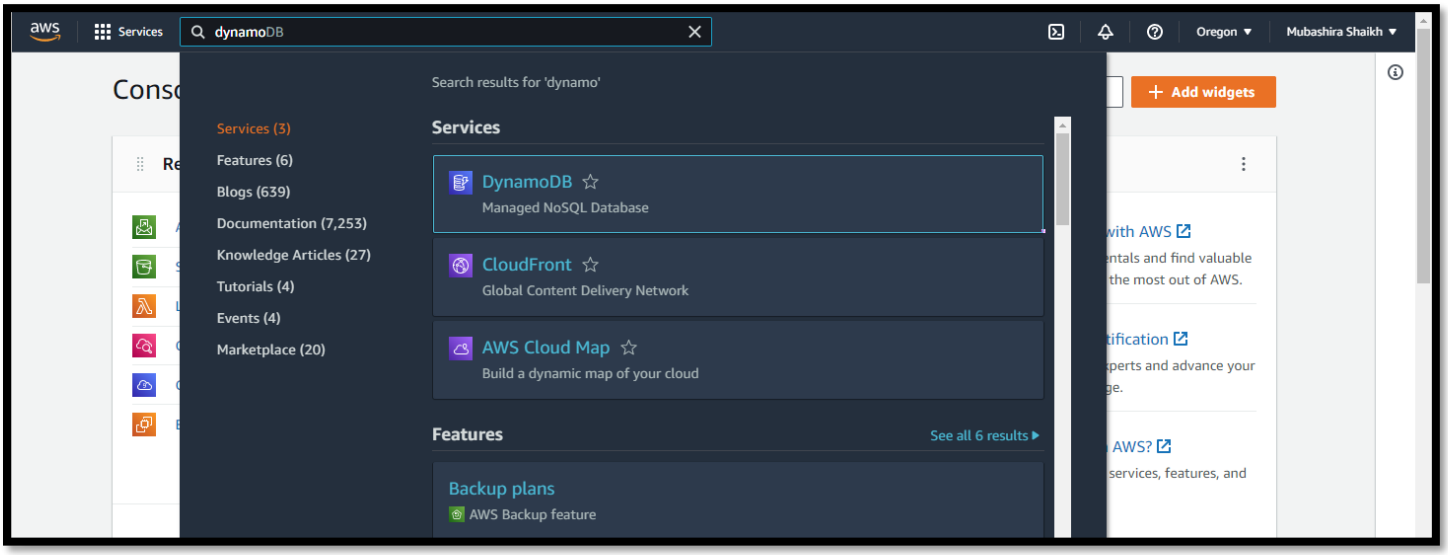
➔All those databases which are modeled in means other than the tabular relations used in relational databases are known as NO SQL databases.NoSQL key-value databases are the least complicated types of NoSQL databases. They store data as a key or attribute name with its value. Each data item has a pointer and a unique key. The key-value pairs are in the form of rows of associative arrays.

2. Create a Table in DynamoDB , Add items to the table (minimum 10 items) , Query the table .

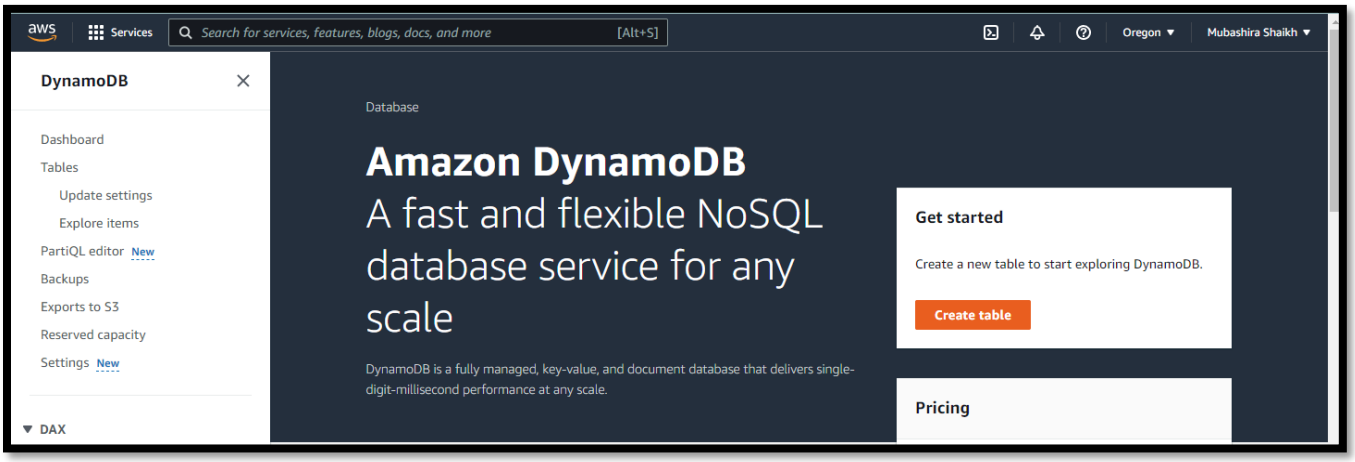
Step 1: AWS Management Console Dashboard.



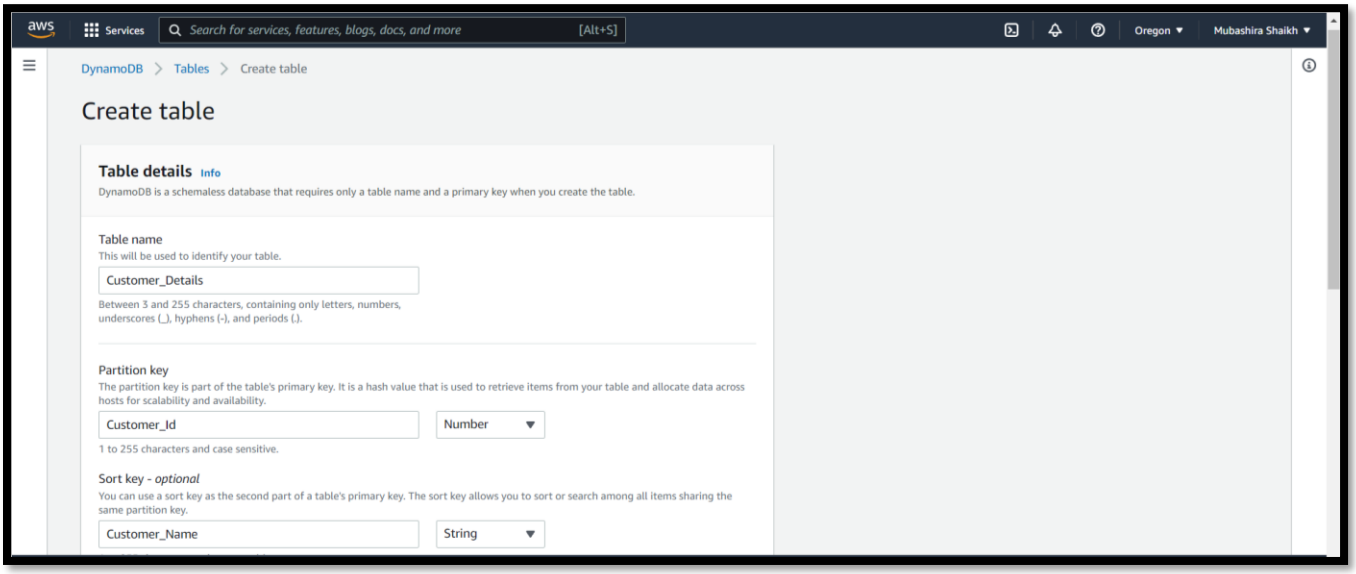
Step 2: Search for DynamoDB and select it.

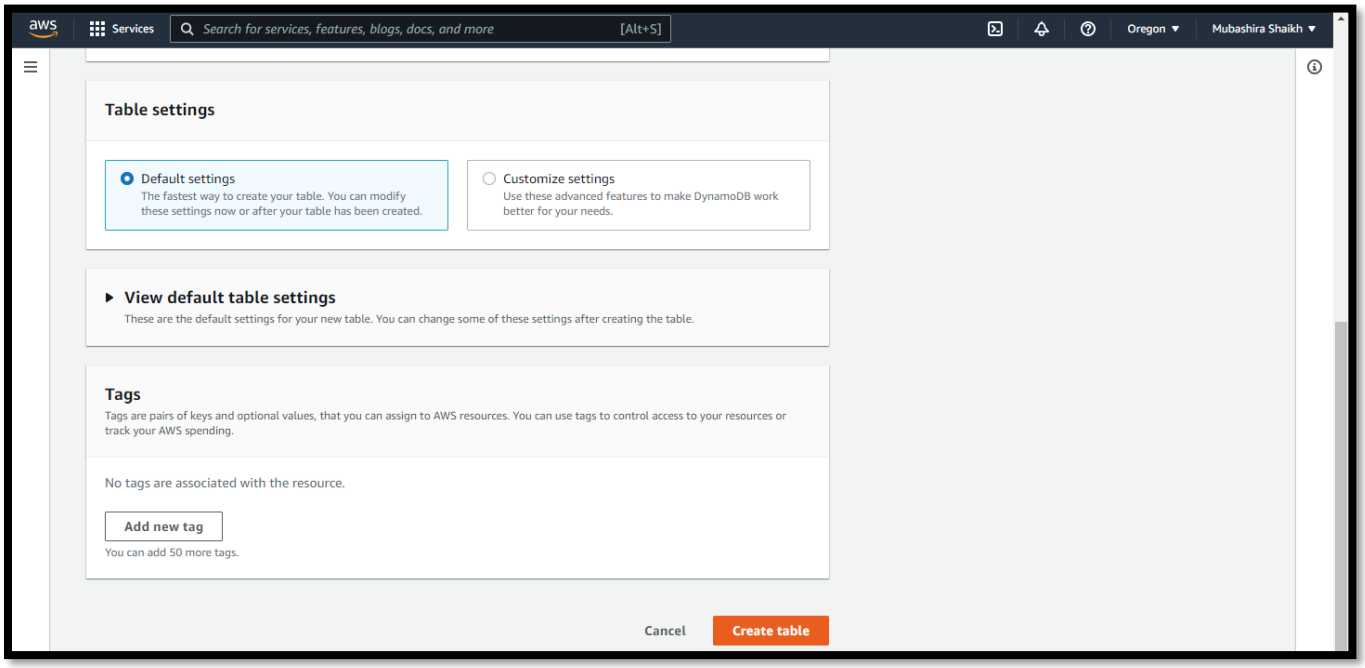


Step 3: Click on ‘Create Table’.

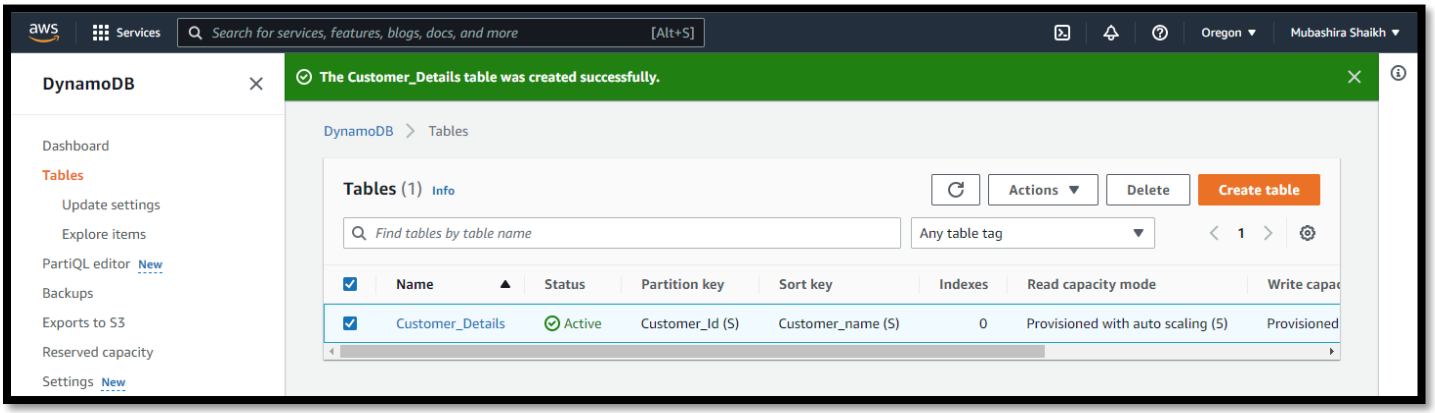


Step 4: Name your table→set ‘Partition key’ & ‘Sort key’→select Default setting→Click on Create Table.

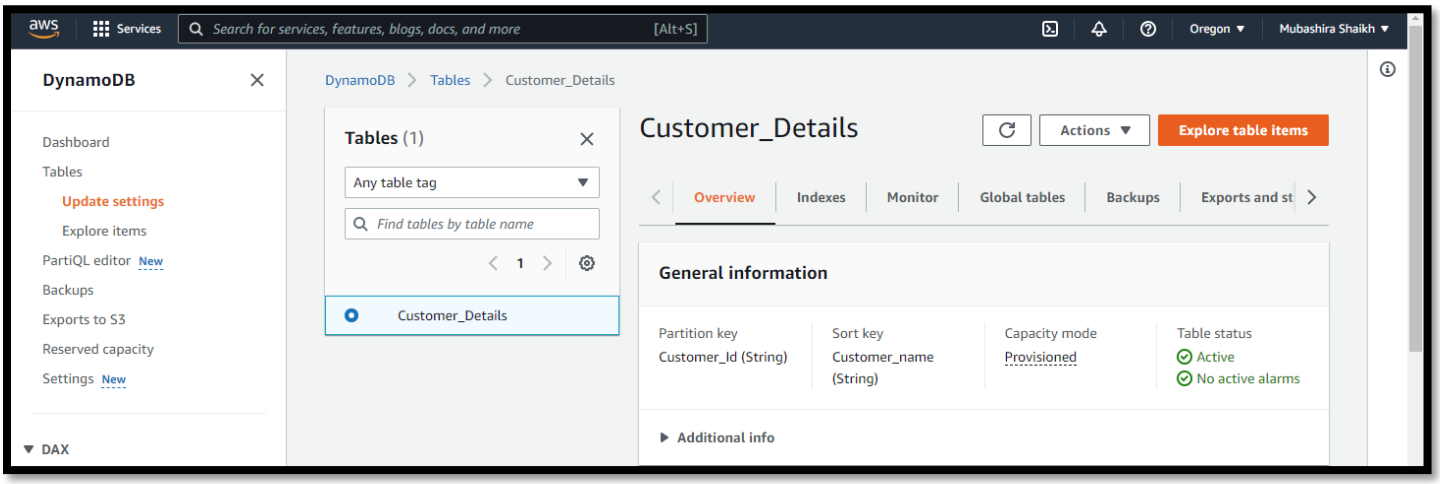


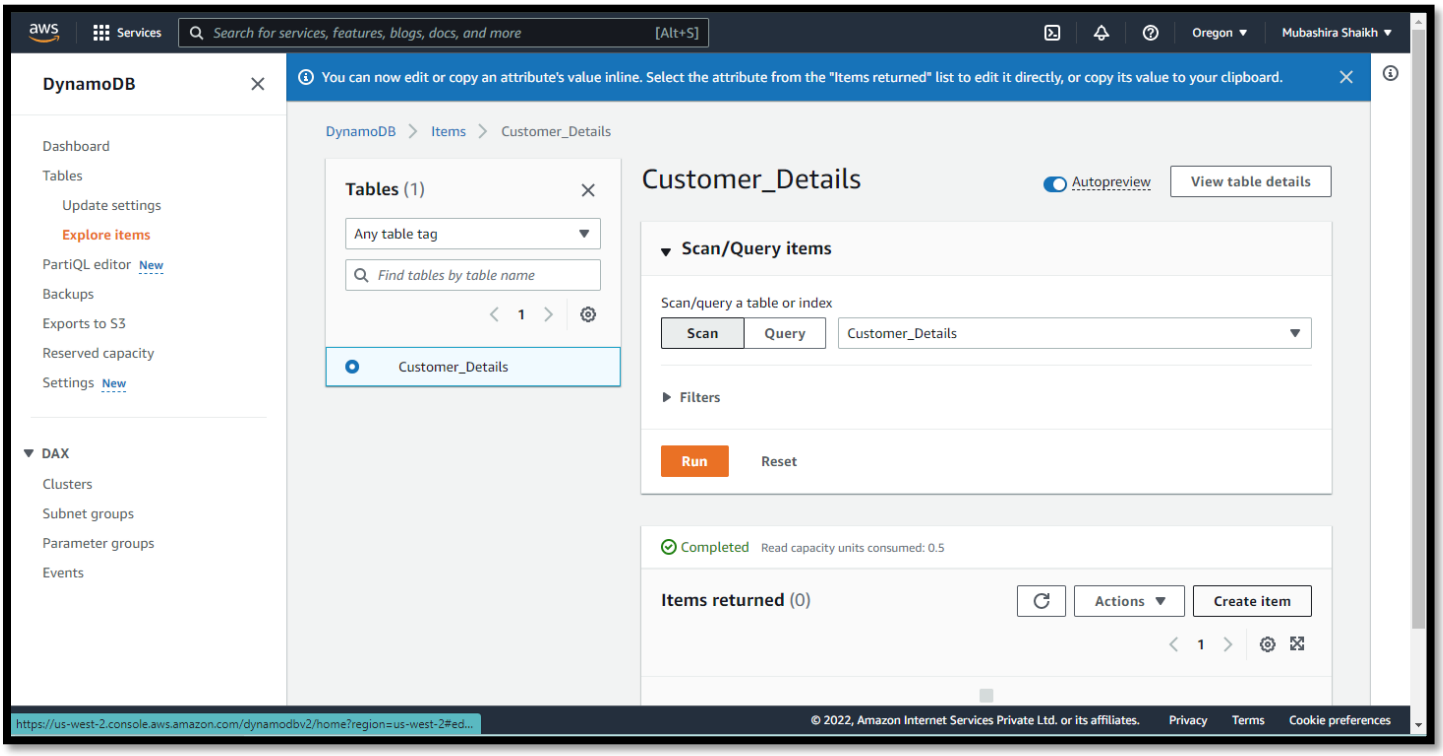


Step 5: Table Created Successfully! From here select the blue link

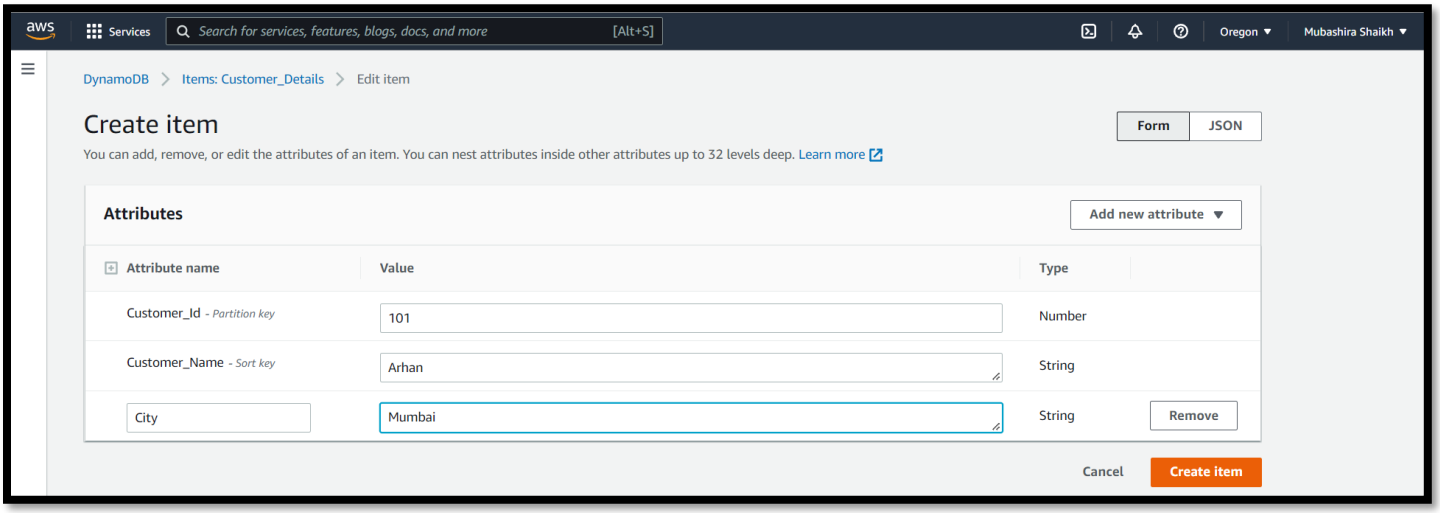


Step 6:Click on “Explore table item”→”Create item”

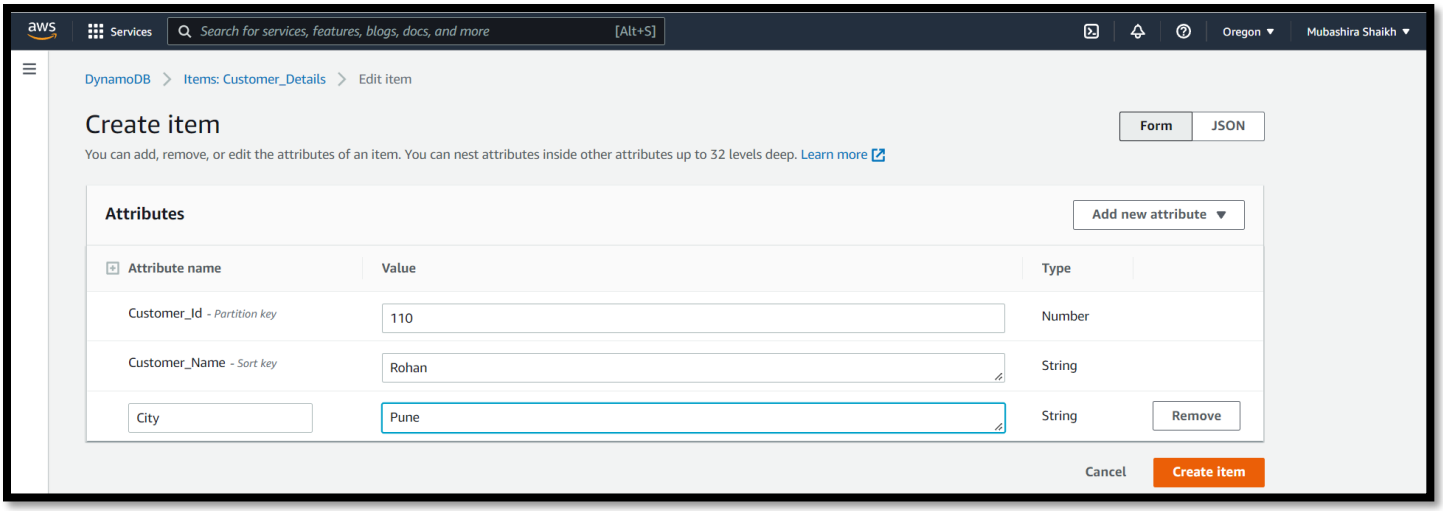


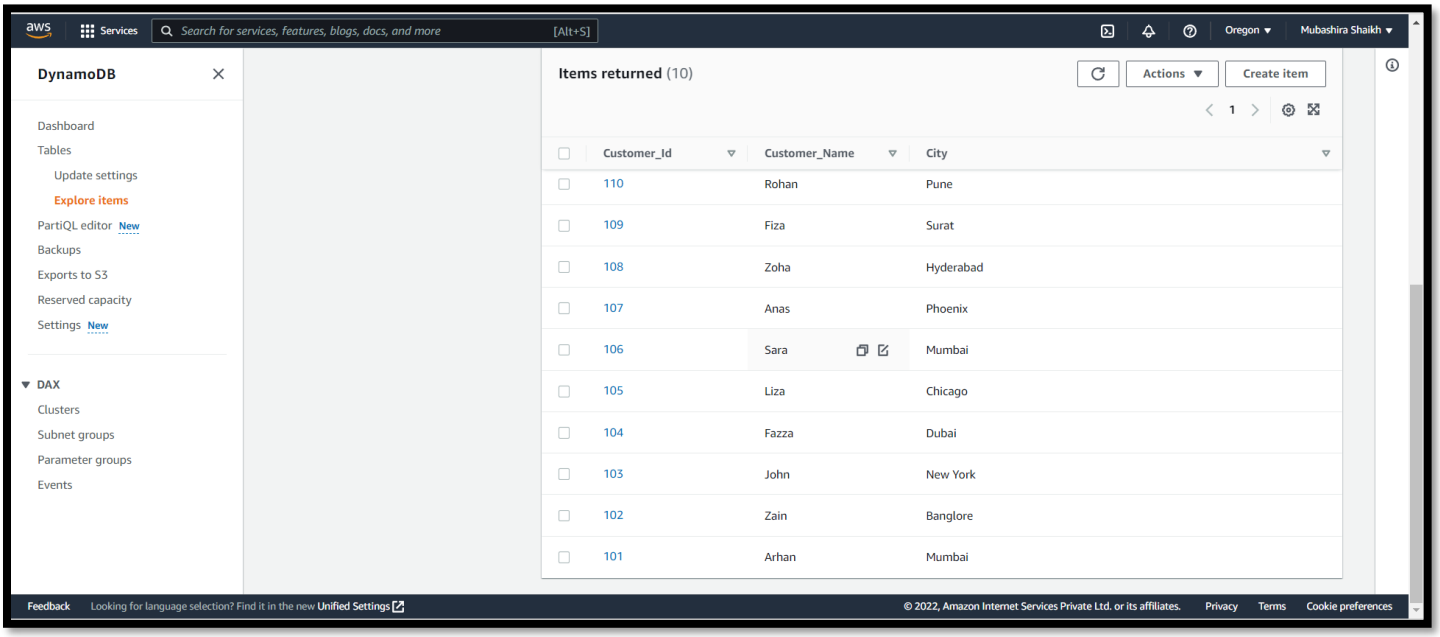


Step 7:Add new attributes if required→Click on “Create item”



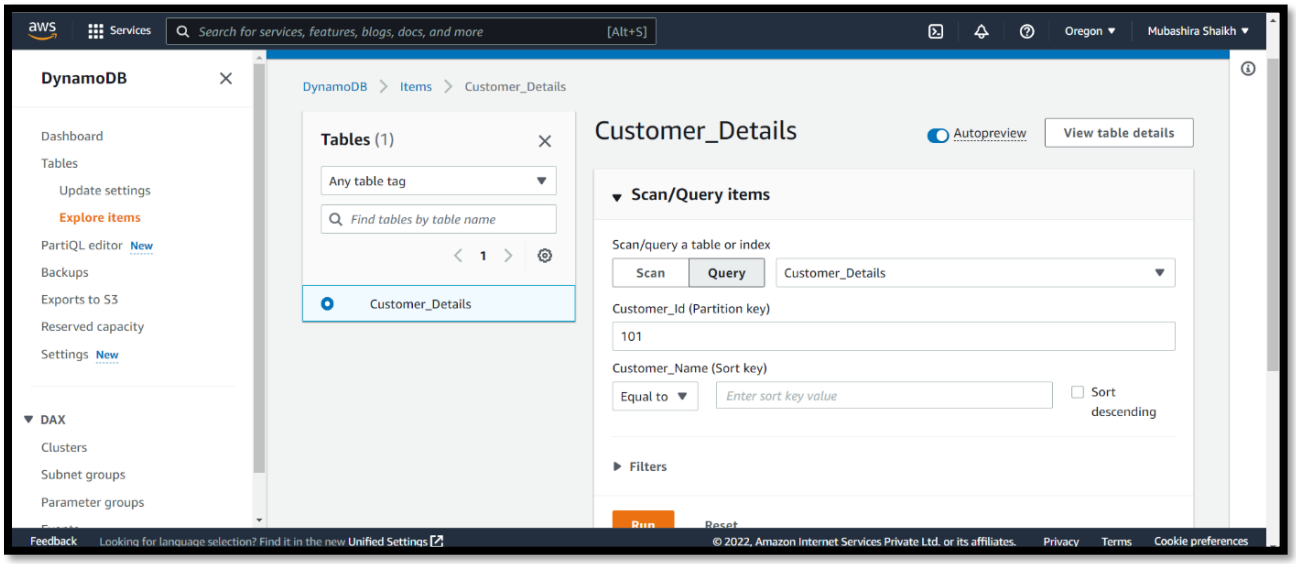
→After entering each item select the “Create item” button and repeat the process until you are finished.

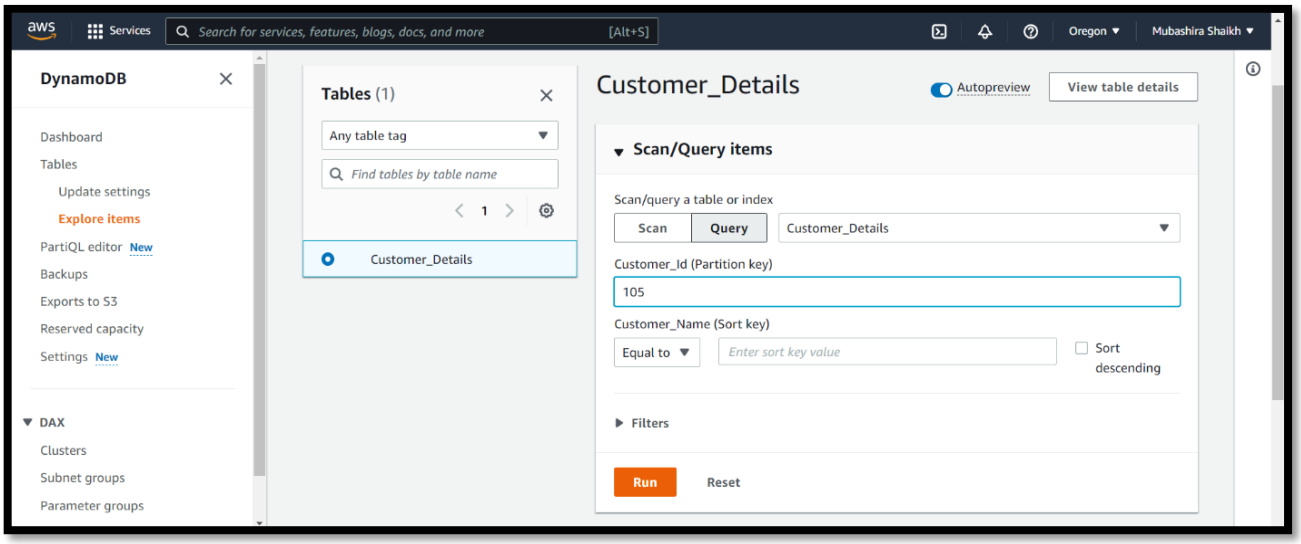




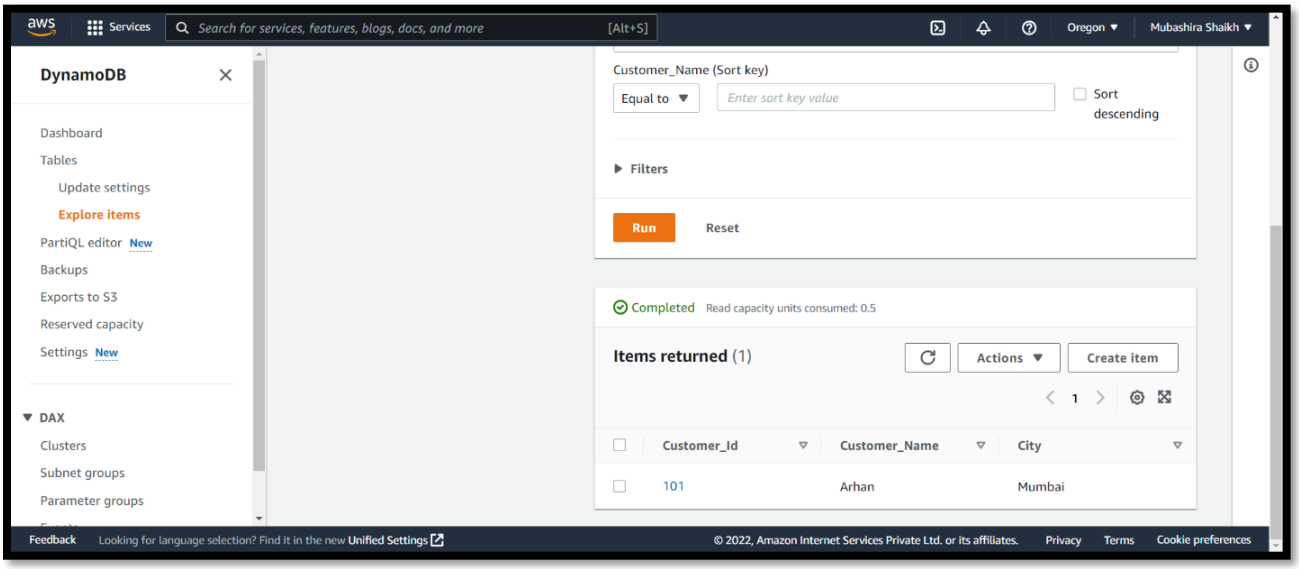
Step 8:Run query for needed items using partition key

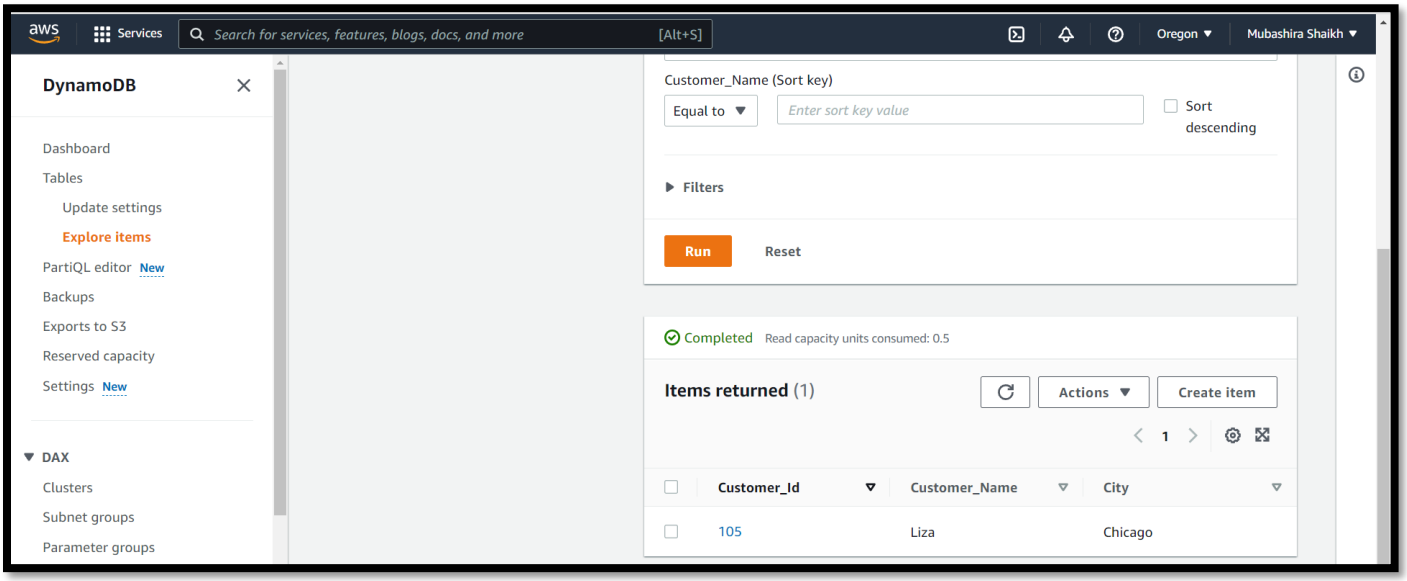
A)



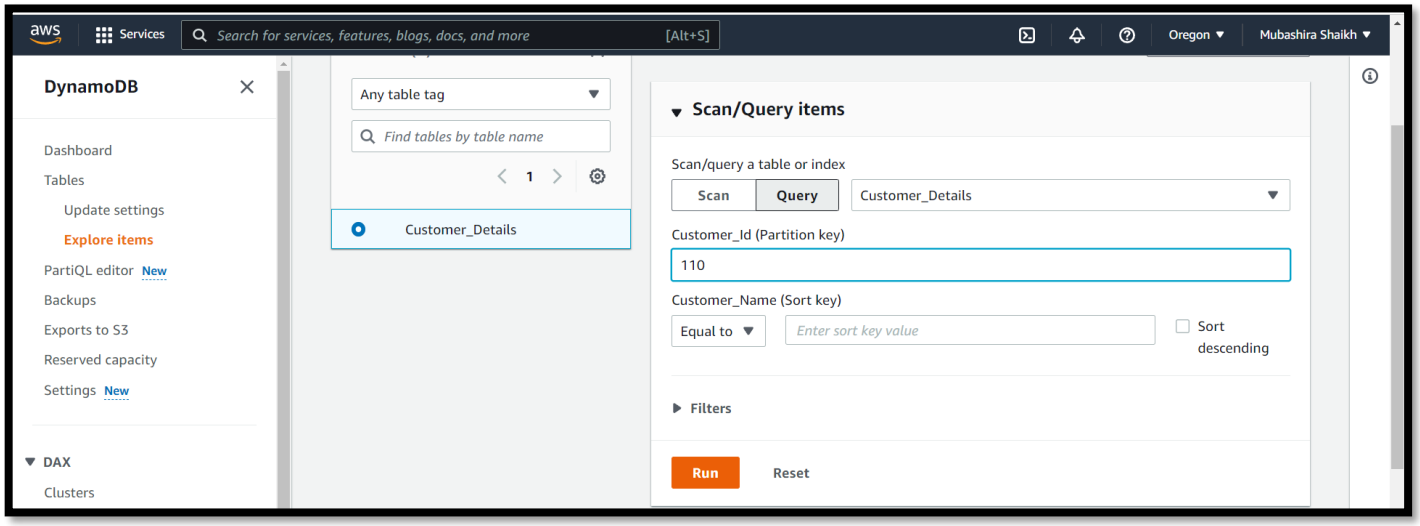


B)




aws
Services
Search for services, features, blogs, docs, and more
[Alt+S]
Oregon
Mubashira Shaikh
DynamoDB
Dashboard
Tables
Update settings
Explore items
PartiQL editor New
Backups
Exports to S3
Reserved capacity
Settings New
DAX
Clusters
Subnet groups
Parameter groups
Customer_Name (Sort key)
Equal to
Enter sort key value
Sort descending
Filters
Run
Reset
Completed
Read capacity units consumed: 0.5
Items returned (1)
Actions
Create item
1
Customer_Id
Customer_Name
City
105
Liza
Chicago

C)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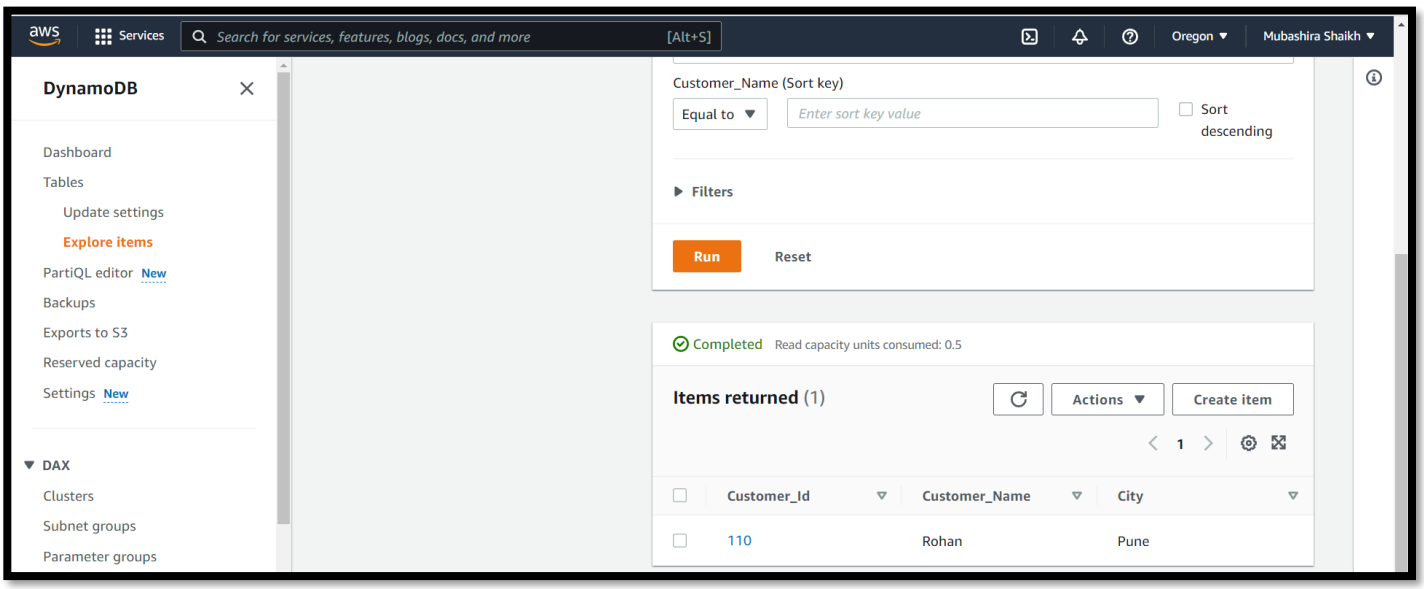
Backups
Exports to S3
Reserved capacity
Settings New
DAX
Clusters
Any table tag
Find tables by table name
1
Customer_Details
Scan/Query items
Scan/query a table or index
Scan
Query
Customer_Details
Customer_Id (Partition key)
110
Customer_Name (Sort key)
Equal to
Enter sort key value
Sort descending
Filters
Run
Reset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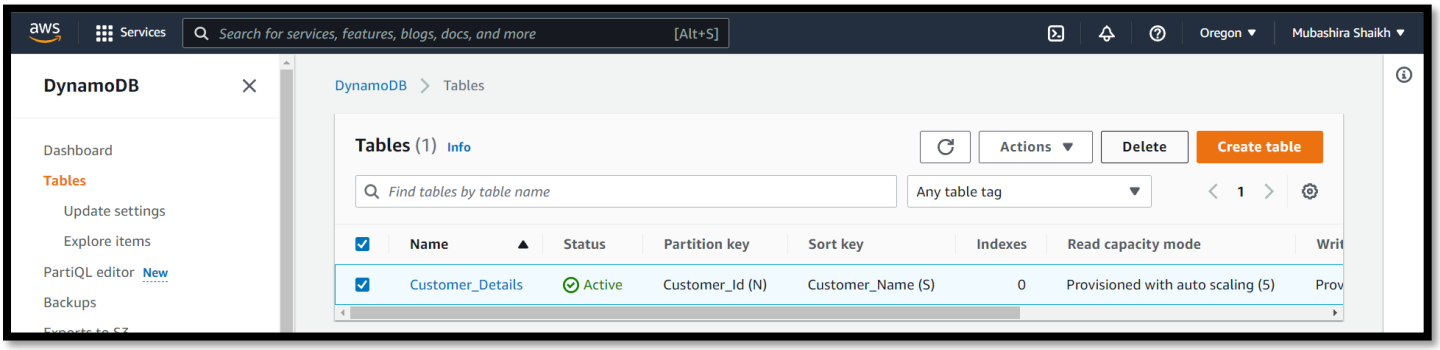
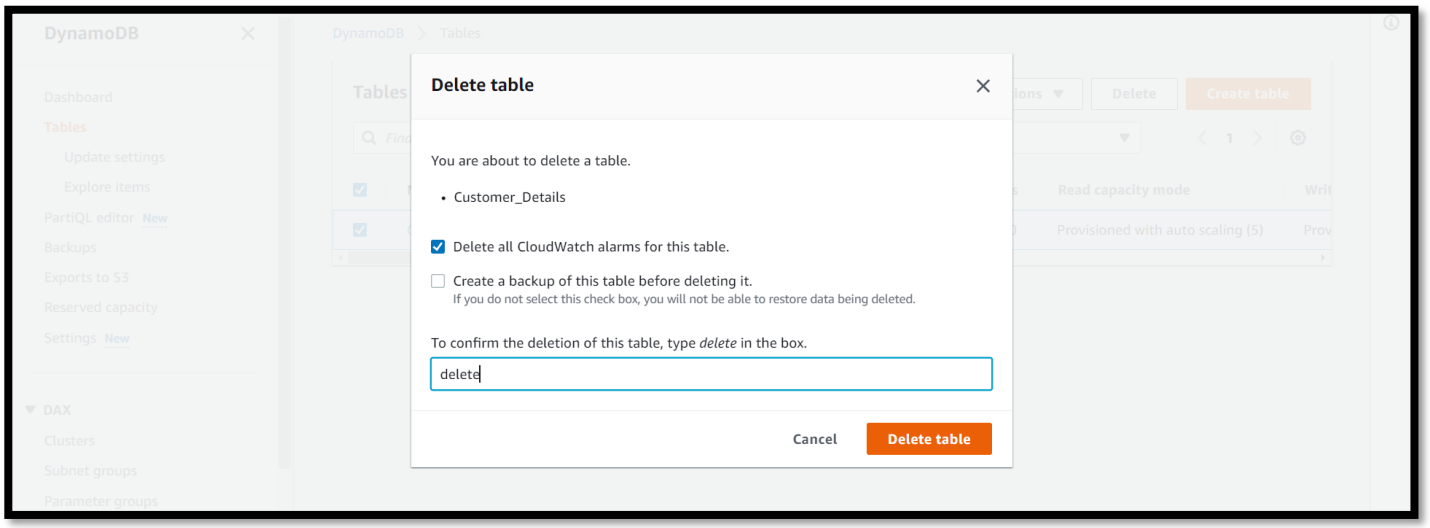
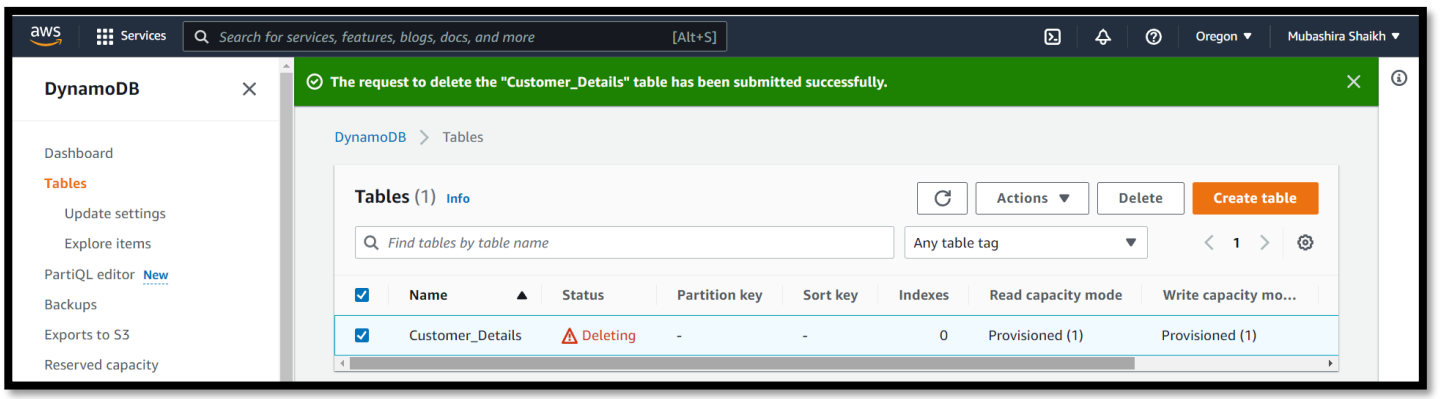
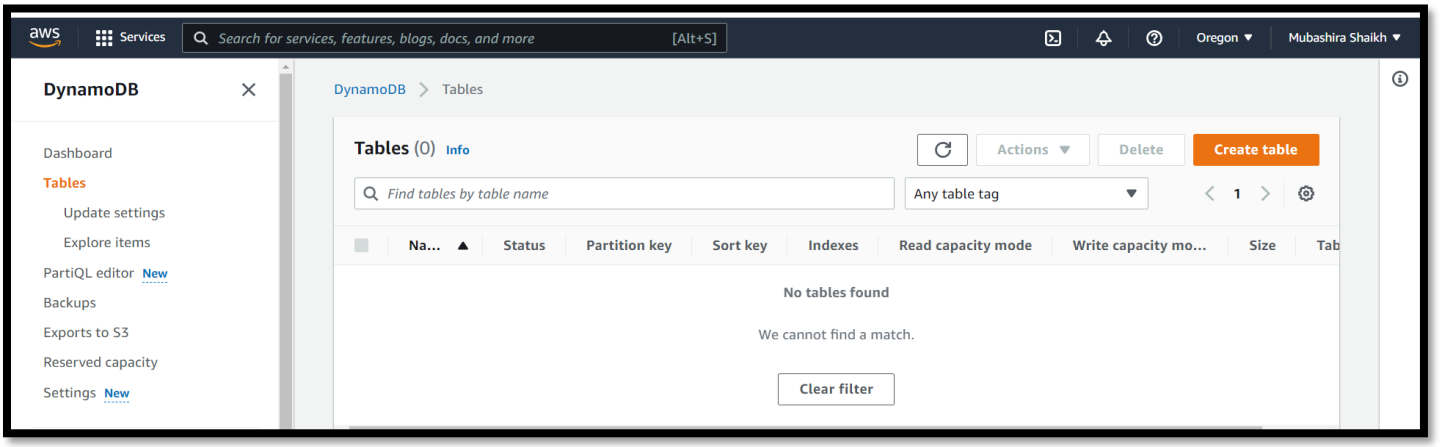
Read capacity units consumed: 0.5
Items returned (1)
Actions
Create item
1
Customer_Id
Customer_Name
City
110
Rohan
Pune

Step 9: Finally, Select the table and click on “Delete”.