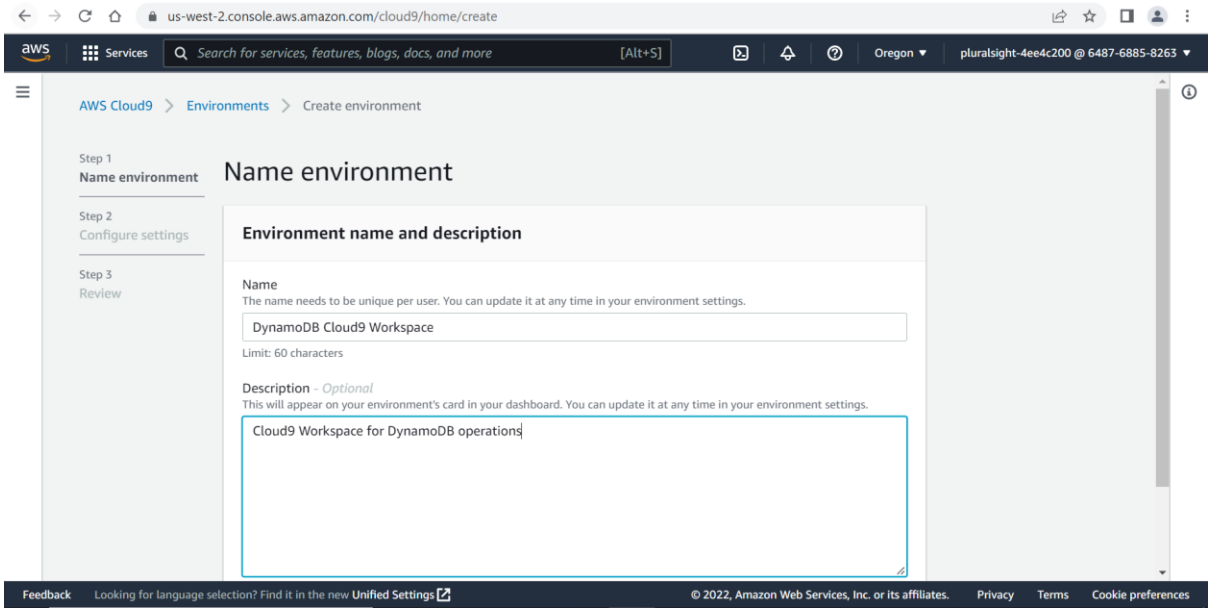
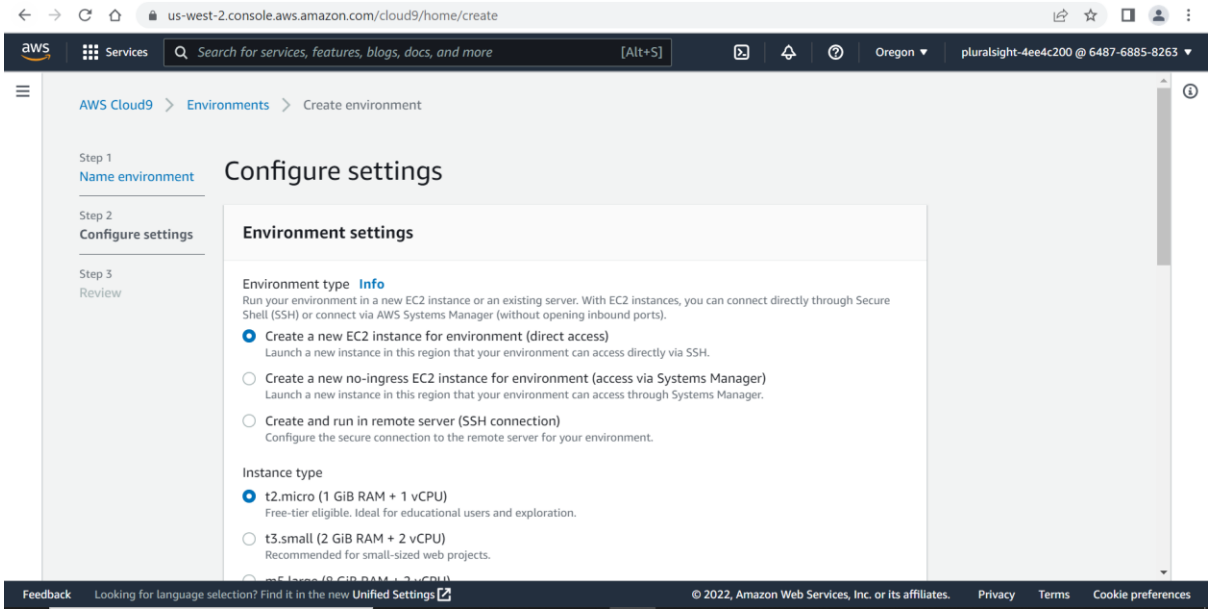
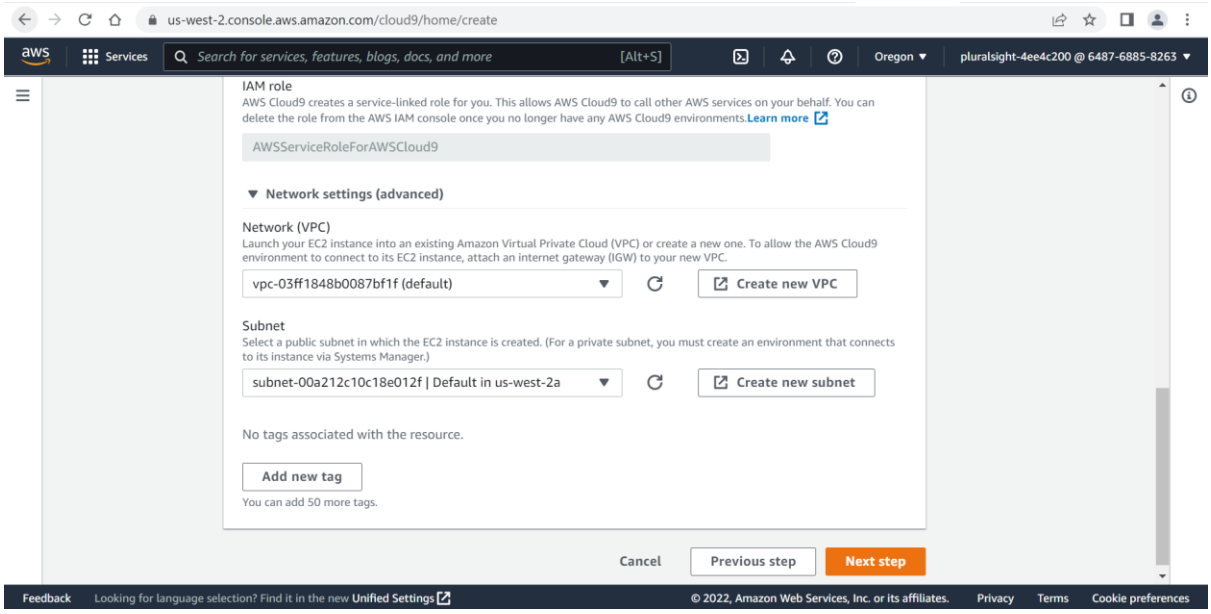
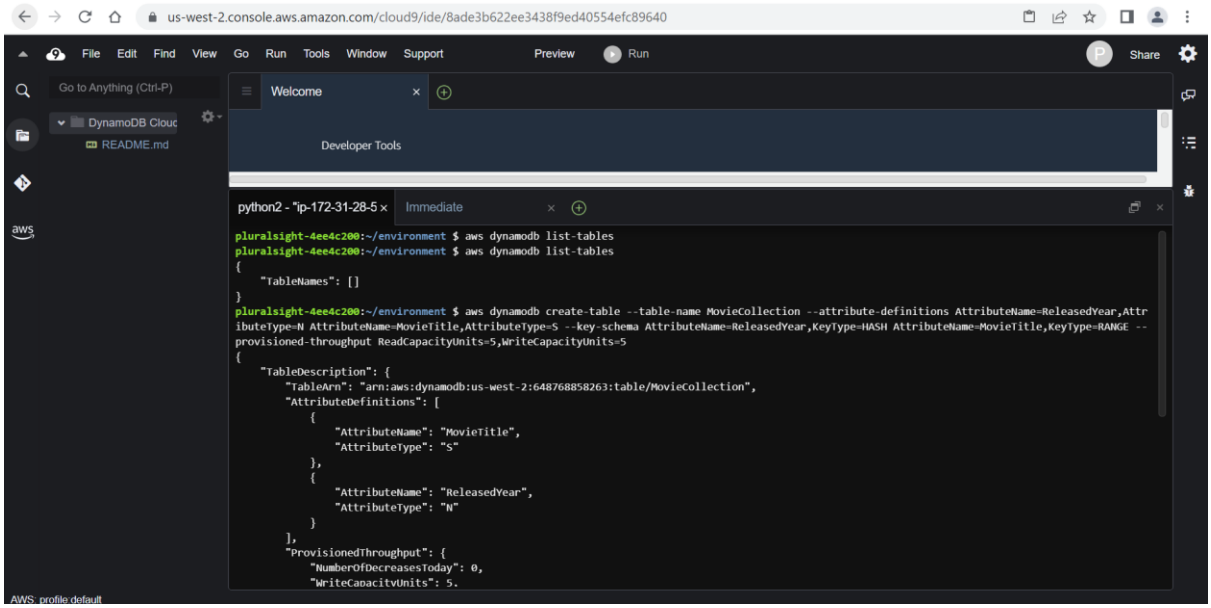
1. Set up a Cloud9 Development Environment

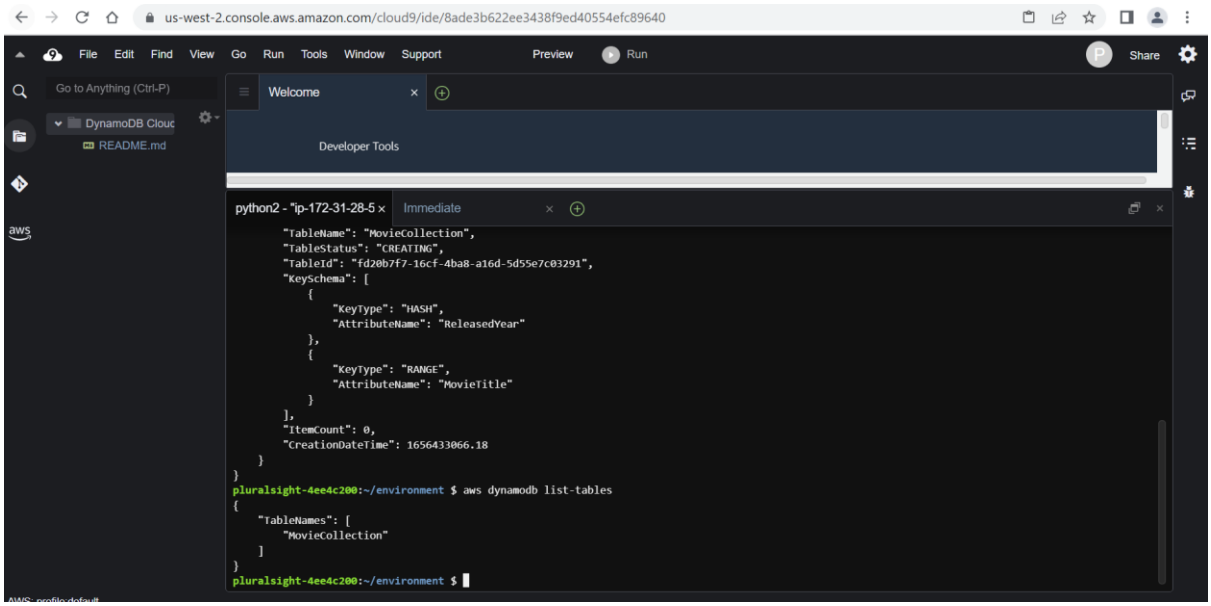


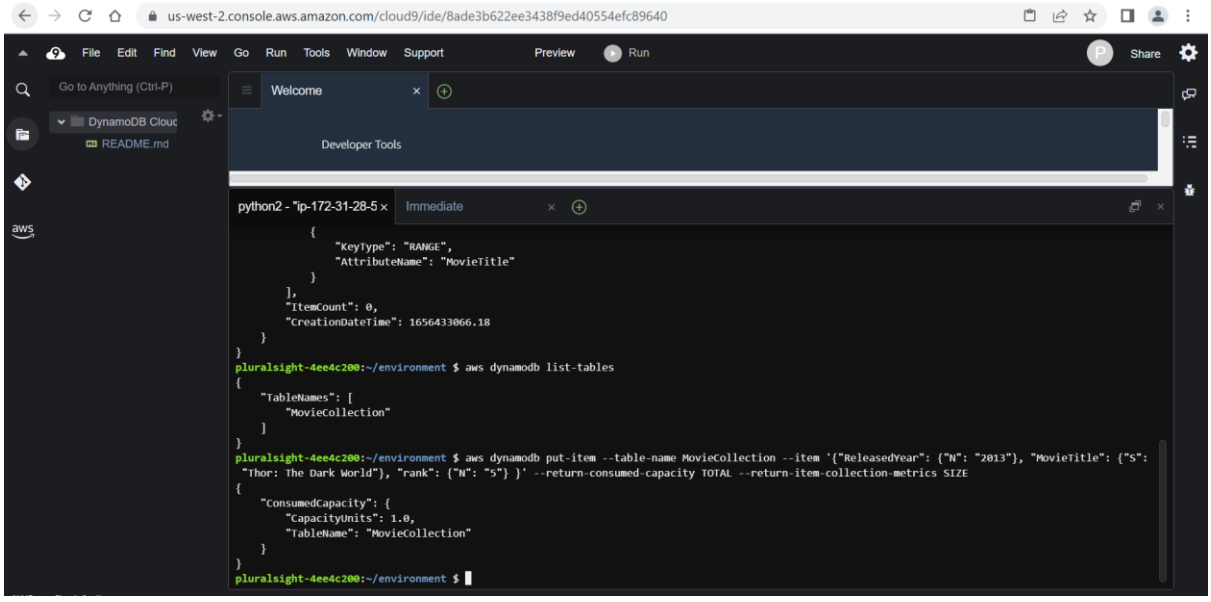


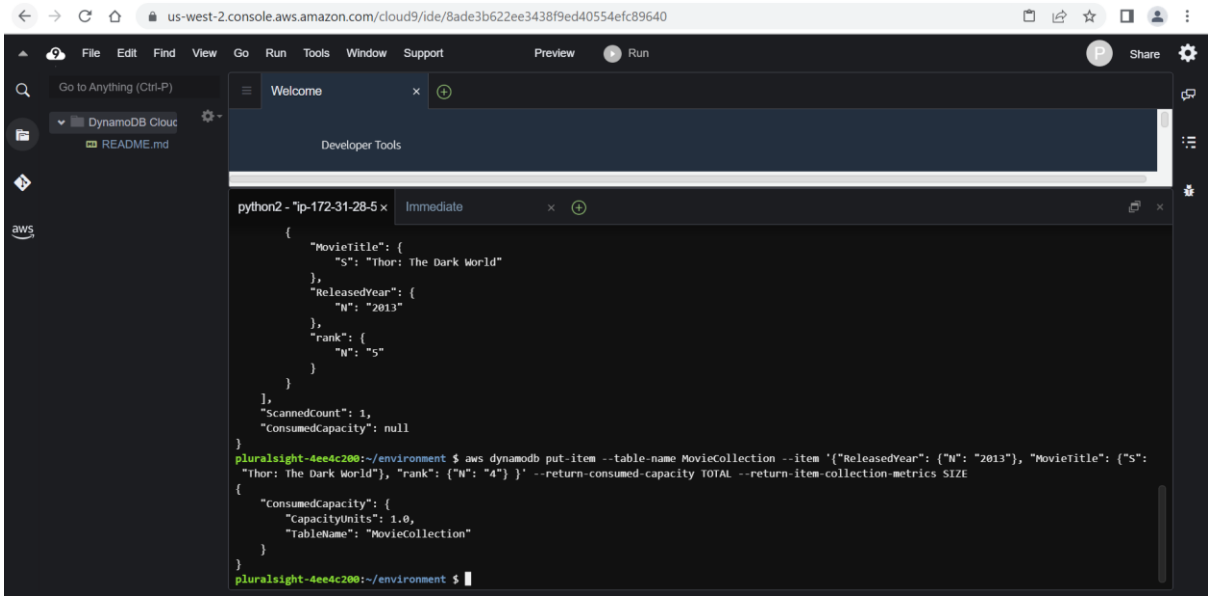


2. Create DynamoDB Table and Populate Data to the Table

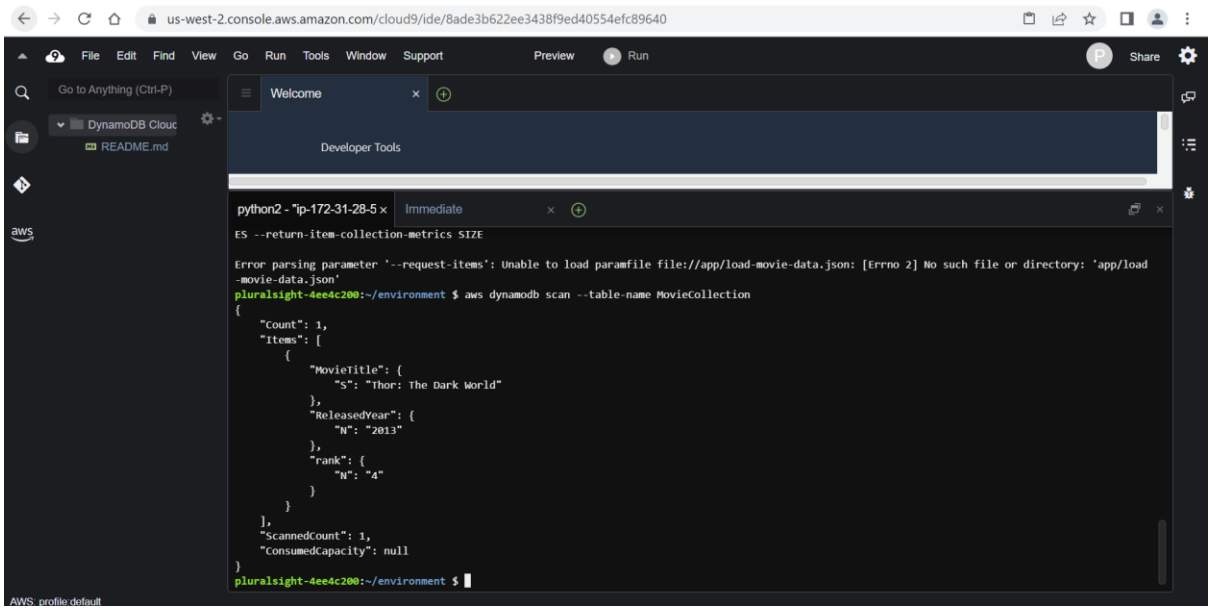


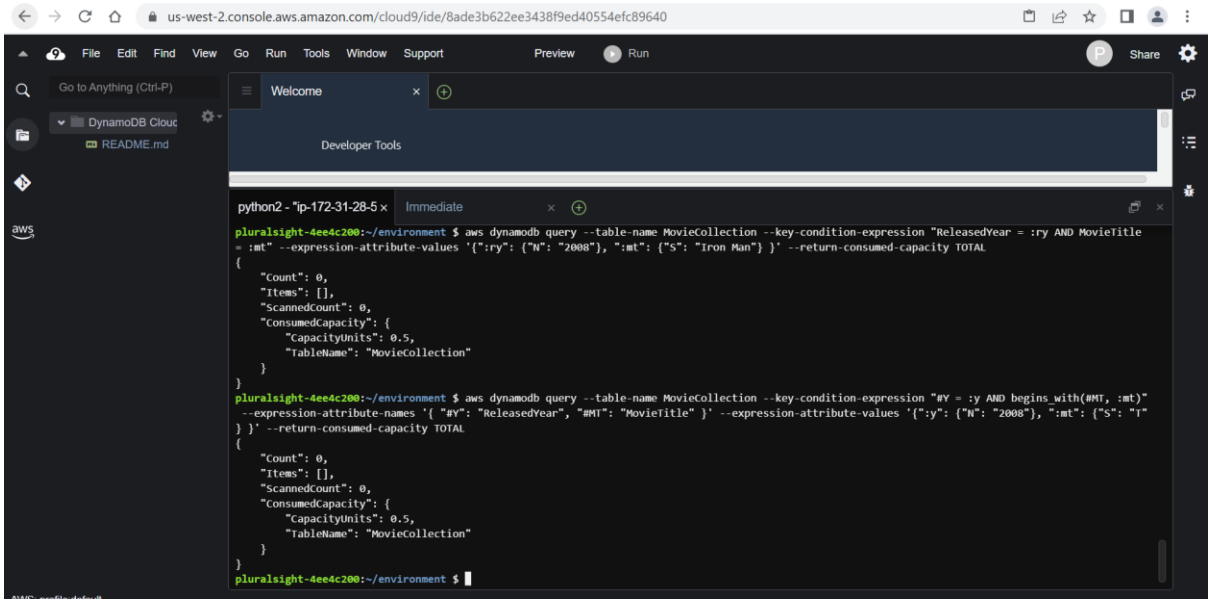

us-west-2.console.aws.amazon.com/cloud9/ide/8ade3b622ee3438f9ed40554efc89640
File Edit Find View Go Run Tools Window Support Preview Run Share
Go to Anything (Ctrl-P)
DynamoDB Clouc
README.md
Welcome
Developer Tools
python2 - "ip-172-31-28-5 x
Immediate
"TableName": "MovieCollection",
"TableStatus": "CREATING",
"TableId": "fd20b7f7-16cf-4ba8-a16d-5d55e7c03291",
"KeySchema": [
{
"KeyType": "HASH",
"AttributeName": "ReleasedYear"
},
{
"KeyType": "RANGE",
"AttributeName": "MovieTitle"
}
],
"ItemCount": 0,
"CreationDateTime": 1656433066.18
}
}
pluralsight-4ee4c200:~/environment $ aws dynamodb list-tables
{
"TableNames": [
"MovieCollection"
]
}
pluralsight-4ee4c200:~/environment $


us-west-2.console.aws.amazon.com/cloud9/ide/8ade3b622ee3438f9ed40554efc89640
File Edit Find View Go Run Tools Window Support Preview Run Share
Go to Anything (Ctrl-P)
DynamoDB Clouc
README.md
Welcome
Developer Tools
python2 - "ip-172-31-28-5 x
Immediate
{
"KeyType": "RANGE",
"AttributeName": "MovieTitle"
}
],
"ItemCount": 0,
"CreationDateTime": 1656433066.18
}
}
pluralsight-4ee4c200:~/environment $ aws dynamodb list-tables
{
"TableNames": [
"MovieCollection"
]
}
pluralsight-4ee4c200:~/environment $ aws dynamodb put-item --table-name MovieCollection --item '{"ReleasedYear": {"N": "2013"}, "MovieTitle": {"S":
"Thor: The Dark World"}, "rank": {"N": "5"} }' --return-consumed-capacity TOTAL --return-item-collection-metrics SIZE
{
"ConsumedCapacity": {
"CapacityUnits": 1.0,
"TableName": "MovieCollection"
}
}
pluralsight-4ee4c200:~/environment $

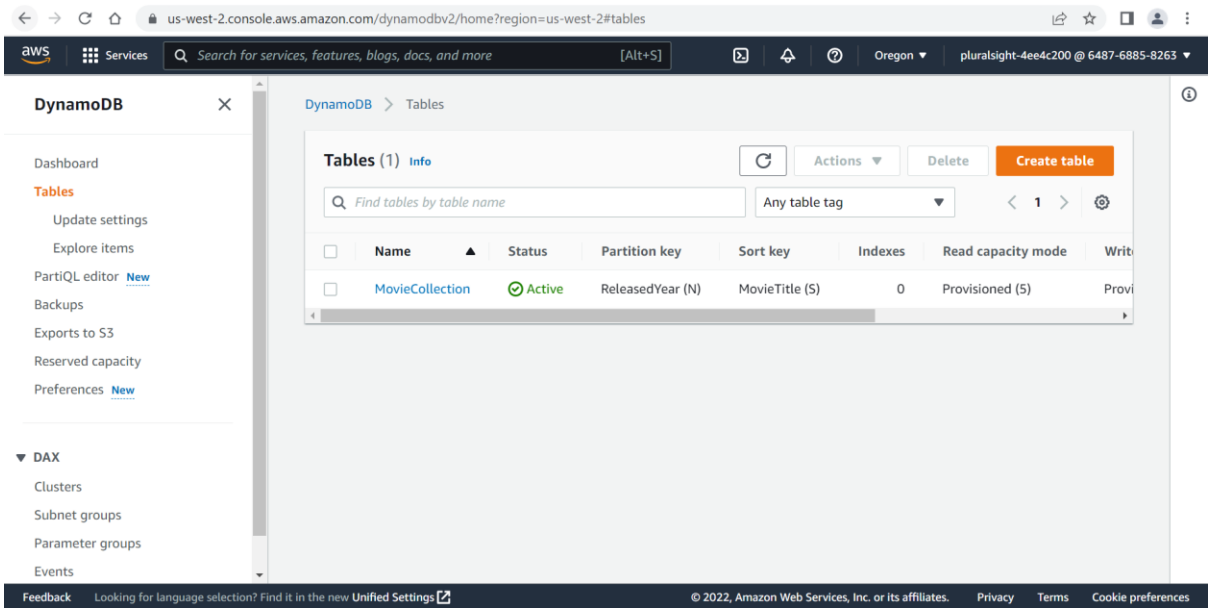

us-west-2.console.aws.amazon.com/cloud9/ide/8ade3b622ee3438f9ed40554efc89640
File Edit Find View Go Run Tools Window Support Preview Run Share
Go to Anything (Ctrl-P)
DynamoDB Clouc
README.md
Welcome
Developer Tools
python2 - "ip-172-31-28-5 x
Immediate
{
"MovieTitle": {
"S": "Thor: The Dark World"
},
"ReleasedYear": {
"N": "2013"
},
"rank": {
"N": "5"
}
}
],
"ScannedCount": 1,
"ConsumedCapacity": null
}
pluralsight-4ee4c200:~/environment $ aws dynamodb put-item --table-name MovieCollection --item '{"ReleasedYear": {"N": "2013"}, "MovieTitle": {"S":
"Thor: The Dark World"}, "rank": {"N": "4"} }' --return-consumed-capacity TOTAL --return-item-collection-metrics SIZE
{
"ConsumedCapacity": {
"CapacityUnits": 1.0,
"TableName": "MovieCollection"
}
}
pluralsight-4ee4c200:~/environment $

3. Query the DynamoDB Table





4. Review the Operations Done in Challenge 5 Using the AWS DynamoDB Console


us-west-2.console.aws.amazon.com/dynamodbv2/home?region=us-west-2#tables
Services
Search for services, features, blogs, docs, and more [Alt+S]
Oregon
pluralsight-4ee4c200 @ 6487-6885-8263
DynamoDB
Dashboard
Tables
Update settings
Explore items
PartiQL editor New
Backups
Exports to S3
Reserved capacity
Preferences New
DAX
Clusters
Subnet groups
Parameter groups
Events
DynamoDB > Tables
Tables (1) Info
Actions
Delete
Create table
Find tables by table name
Any table tag
Name
Status
Partition key
Sort key
Indexes
Read capacity mode
MovieCollection
Active
ReleasedYear (N)
MovieTitle (S)
0
Provisioned (5)
Feedback
Looking for language selection? Find it in the new Unified Settings
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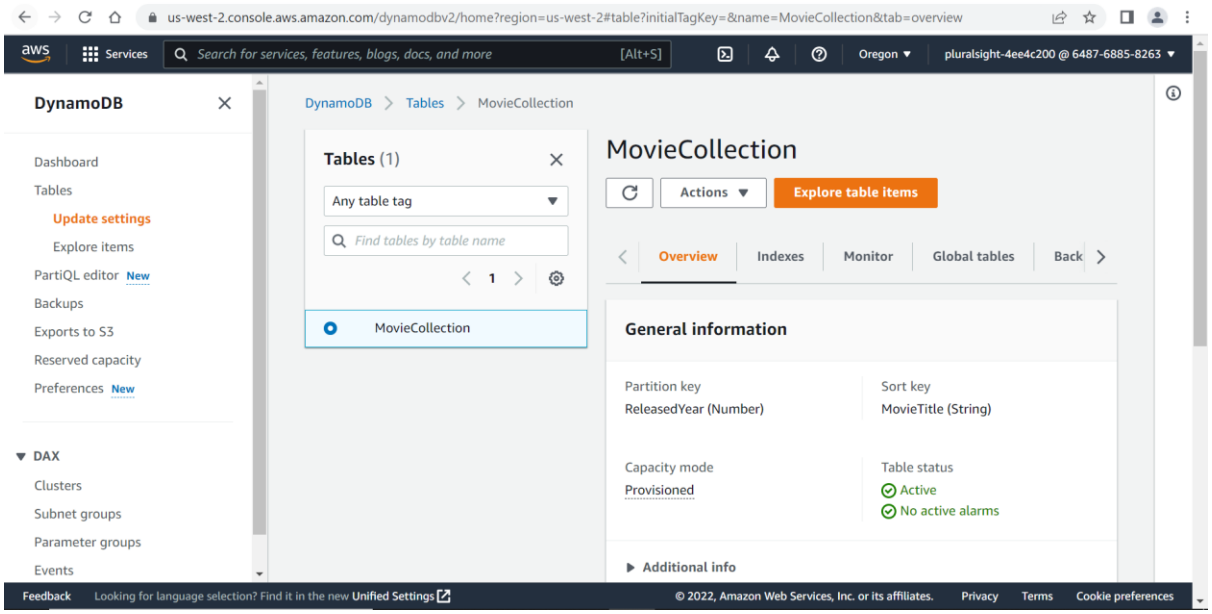
Terms
Cookie preferences


us-west-2.console.aws.amazon.com/dynamodbv2/home?region=us-west-2#table?initialTagKey=&name=MovieCollection&tab=overview
Services
Search for services, features, blogs, docs, and more [Alt+S]
Oregon
pluralsight-4ee4c200 @ 6487-6885-8263
DynamoDB
Dashboard
Tables
Update settings
Explore items
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Exports to S3
Reserved capacity
Preferences New
DAX
Clusters
Subnet groups
Parameter groups
Events
DynamoDB > Tables > MovieCollection
Tables (1)
Any table tag
Find tables by table name
MovieCollection
MovieCollection
Actions
Explore table items
Overview
Indexes
Monitor
Global tables
Back
General information
Partition key
ReleasedYear (Number)
Sort key
MovieTitle (String)
Capacity mode
Provisioned
Table status
Active
No active alarms
Additional info
Feedback
Looking for language selection? Find it in the new Unified Settings
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Cookie preferences