

DynamoDB Homework

- Due Oct 22 at 11:59pm
- Points 25
- Questions 1
- Available Oct 15 at 12am - Oct 22 at 11:59pm
- Time Limit None
- Allowed Attempts 3

Instructions

You are assigned to create a NoSQL key-value database for a product catalog using the AWS DynamoDB for a new store located in Northern Virginia. As is normally done at the development stage, you start with a handful of items to test if the database works. Here are the parameters:

Table name: yourlastnameProductCatalog

Primary Key:

- Partition Key: Id (attribute type: string)

Global Secondary Index

- ProductCategory (attribute type: string) - I suggest do this after you have inserted the 6 items.

Use Cloud9 IDE and create python scripts to:

- Create the dynamoDB table
- Insert the 6 items below
- Query item ID number 103
- Define the global secondary index
- Query all items in the Bicycle category (global secondary index)

The 6 items to be inserted in the table:

Note: **if there is no “ “, the value is not a string**

1st Item

"Id": "yourlastname101"

"Title": "Book 101 Title"

"ISBN": "111-1111111111"

"Authors": "Author1"

"Price": 2

"ProductCategory": "Book"

2nd item

"Id": "yourlastname102"

"Title": "Book 102 Title"

"Authors": "Author2"

"Price": 20

"ProductCategory": "Book"

3rd item

"Id": "yourlastname103"

"Title": "Book 103 Title"

"ISBN": "333-3333333333"

"Authors": "Author1"

"Price": 2000

"ProductCategory": "Book"

4th item

"Id": "yourlastname201"

"Title": "18-Bike-201"

"Description": "201 Description"

"BicycleType": "Road"

"Price": 100

"ProductCategory": "Bicycle"

5th item

"Id": "yourlastname202"

"Title": "21-Bike-202"

"BicycleType": "Road"

"Price": 200

"Color": ["Green", "Black"]

"ProductCategory": "Bicycle"

6th item

"Id": "yourlastname203"

"Title": "19-Bike-203"

"Description": "203 Description"

"BicycleType": "Road"

"Price": 300

"ProductCategory": "Bicycle"

This quiz was locked Oct 22 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	695 minutes	25 out of 25

Quiz results are protected for this quiz and are not visible to students.

❗ Correct answers are hidden.

Score for this attempt: 25 out of 25