



AWS Non-Relational Database

- Create DB
- Attribute value discussion
- Query DB



AWS Non-Relational Database

Create DB

- Create DynamoDB
- > Create Table
- > Enter data



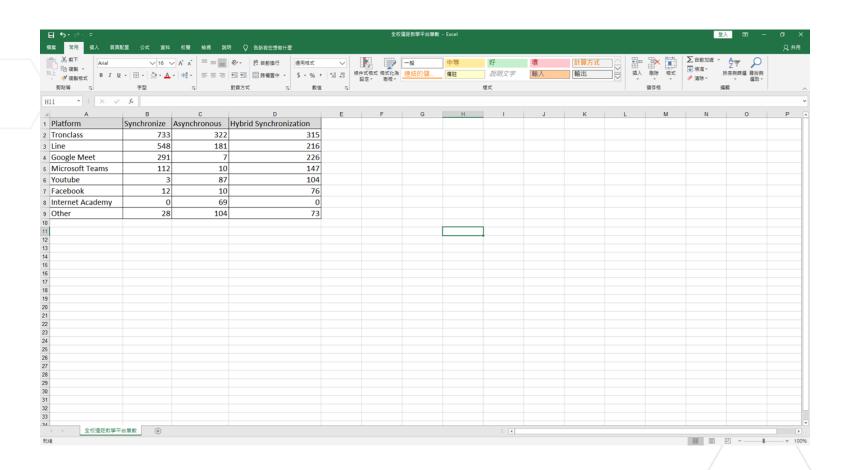
AWS Non-Relational Database



建立 Create Non-relational DB



Sample file(.CSV)





Notations

Partition key

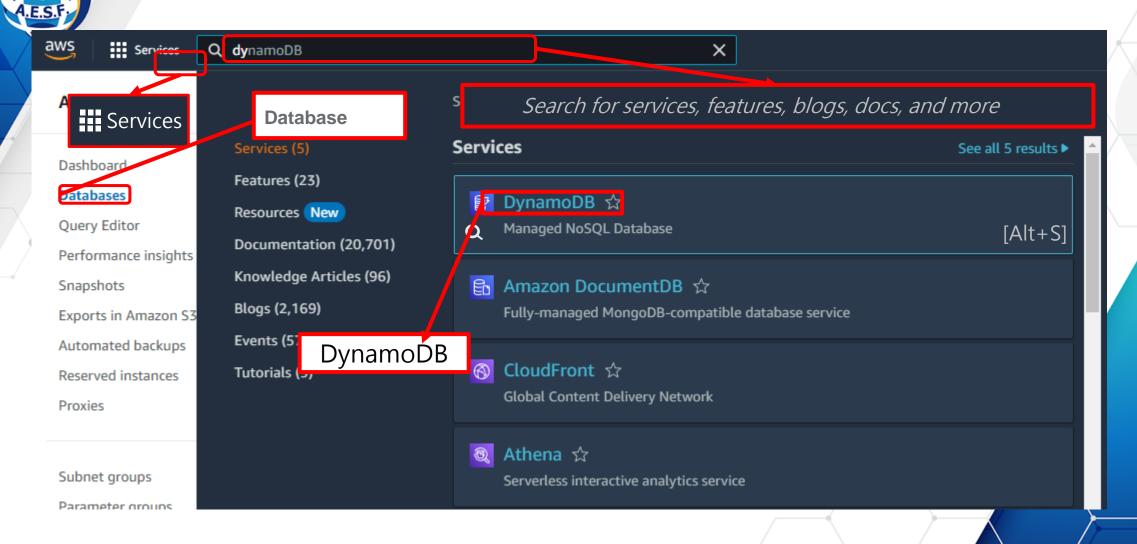
Item

Attribute

- Name
- Data typeValue

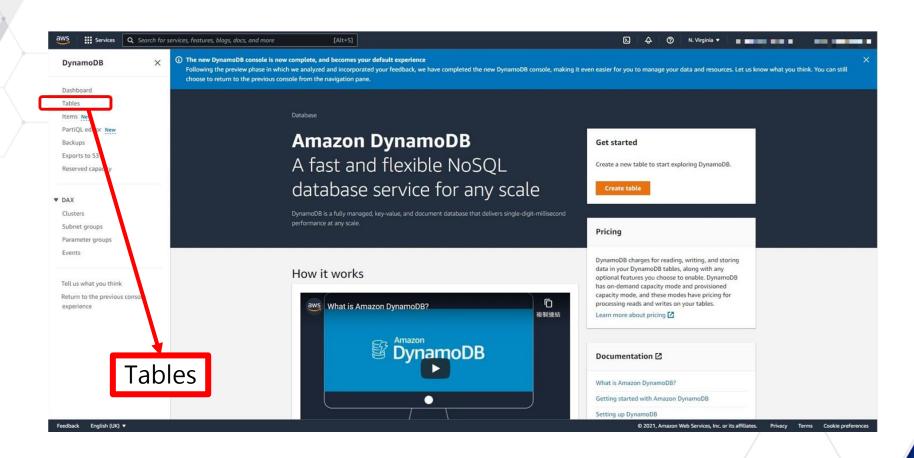
Platform	Synchronize	Asynchronous	Hybrid Synchronization
Tronclass	733	322	315
Line	548	181	216
Google Meet	291	7	226
Microsoft Teams	112	10	147
Youtube	3	87	104
Facebook	12	10	76
Internet Academy	0	69	0
Other	28	104	73

Step 1: login AWS and find DynamoDB service



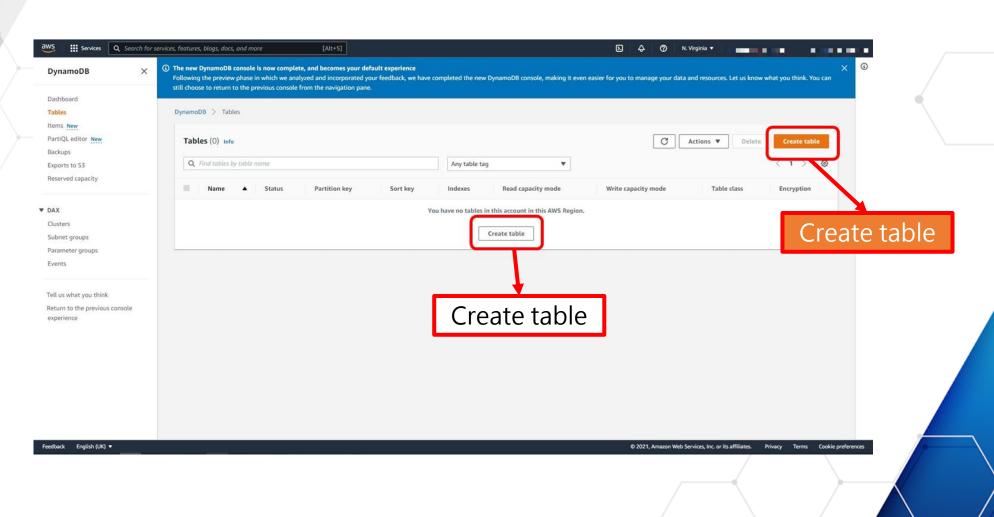


Step 2 : Select Tables in Amazon DynamoDB Service



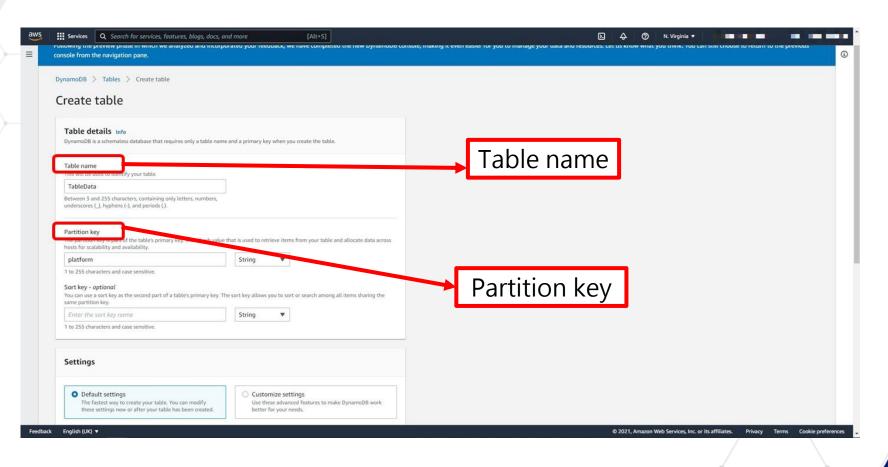


Step 3 : Click Create table to createTable



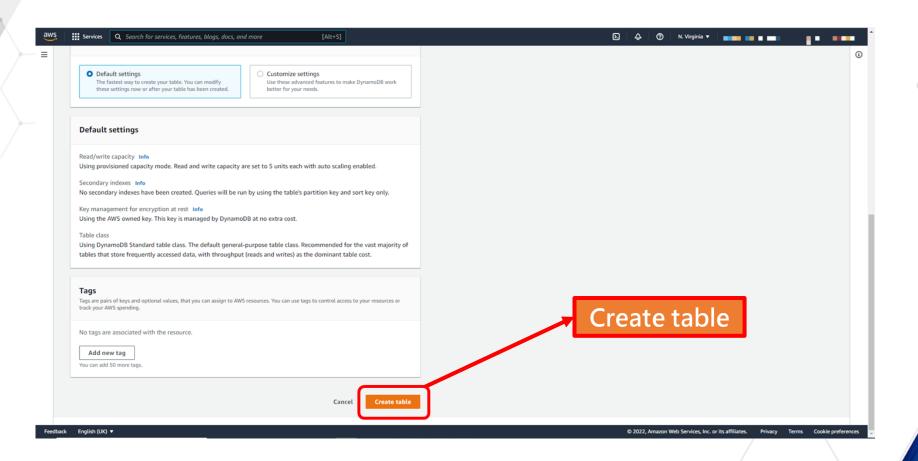


Step 4: Enter the table name and first column name as partition key



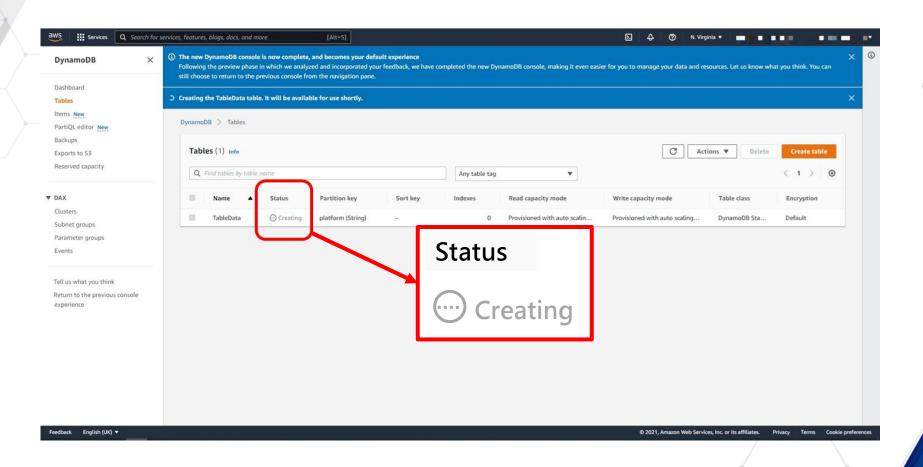


Step 5 : Click Create table to create DynamoDB Table





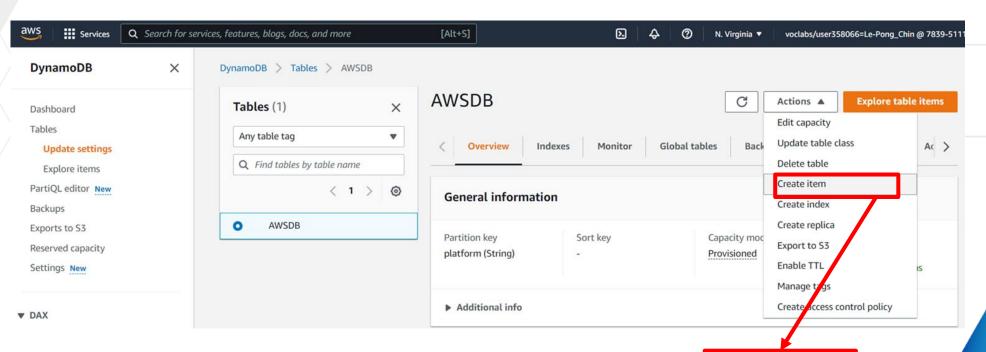
Step 6: Check table status as creating





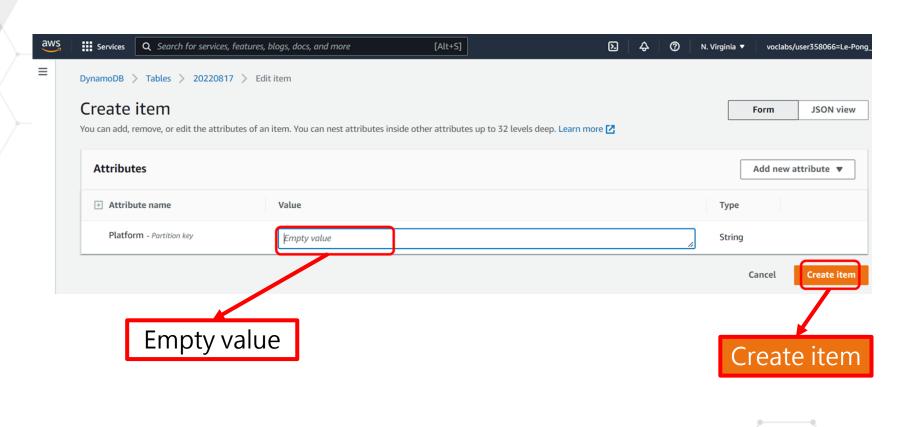
Step 7: Scroll down Action and select Create Item when Status turns to Active

Create item





Step 8 : Click the Table name, to add new attributes of Table item



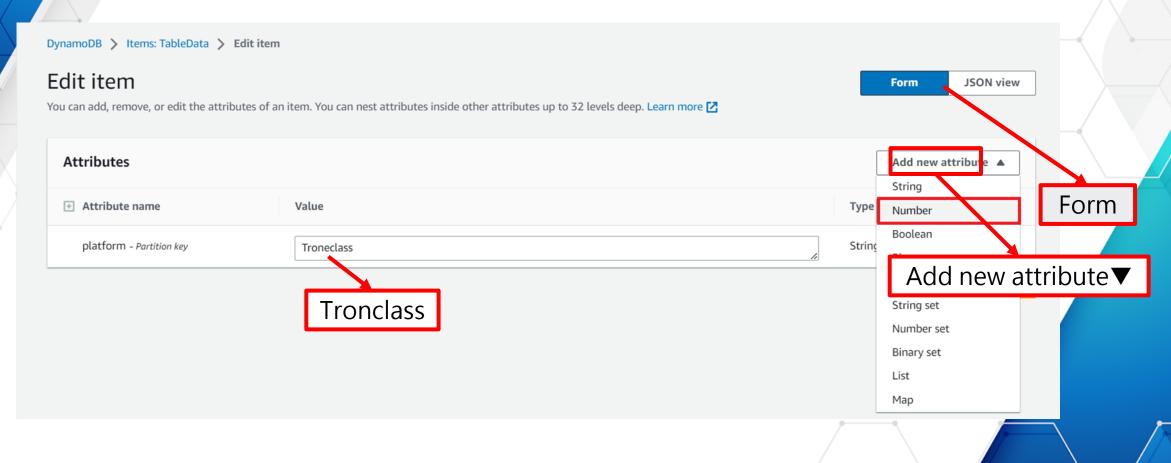


Step 9: Repeat the steps insert the items to Table

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Facebook	12	10	76
Internet Academy	0	69	0
Other	28	104	73



Step 10: In this case, select Form, and enter Tronclass to the value of Platform



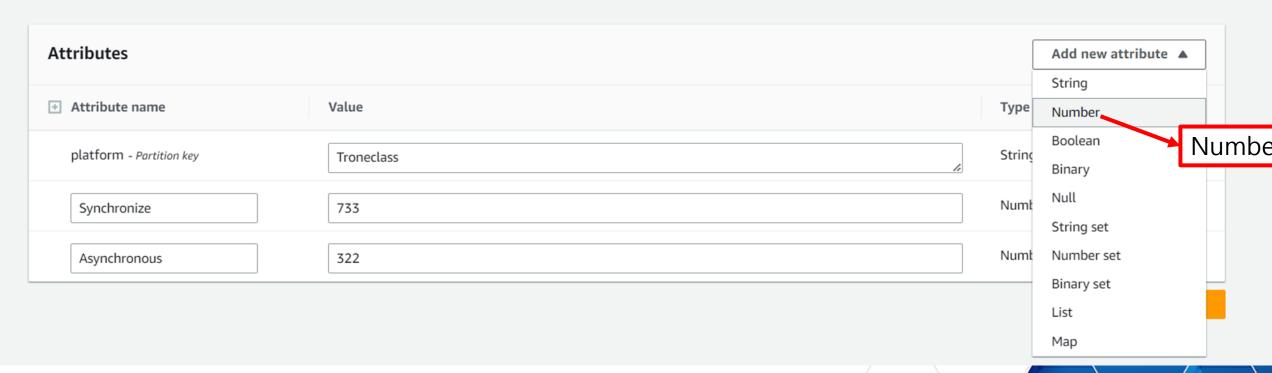
Step 11: Click Add new attributes, (data Types of Number)

JSON view

Form

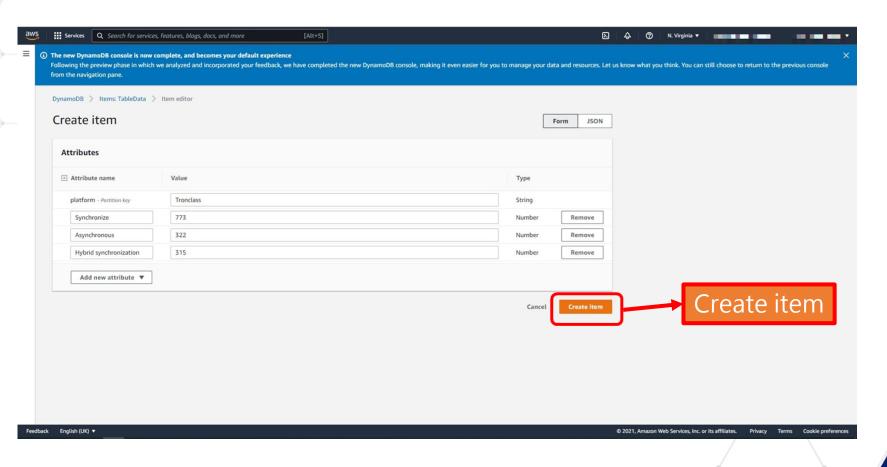
Edit item

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. Learn more 🔀



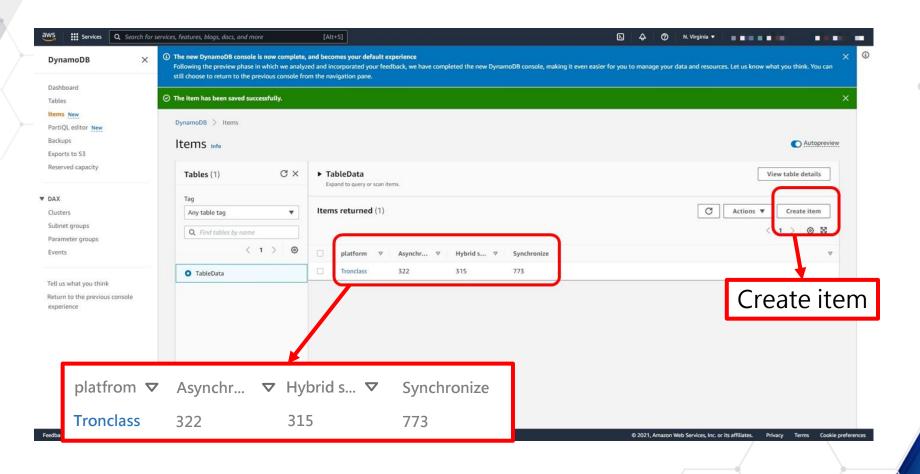


Step 12: Click Create item to create the first item of DynamoDB Table



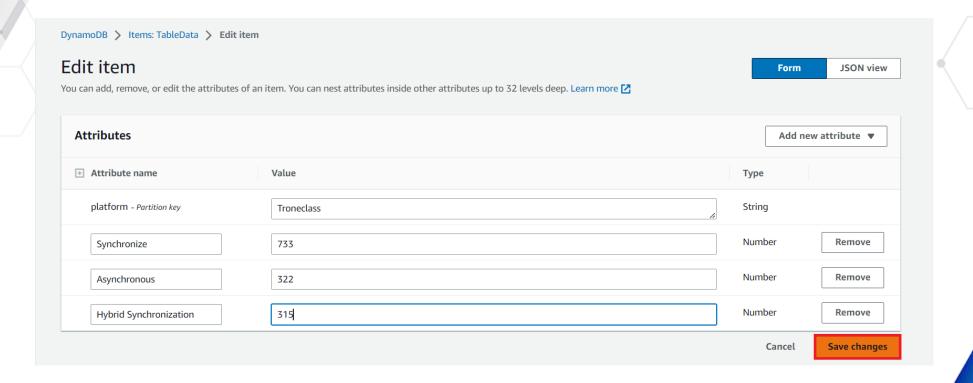


Step 13: The first item shown, and click Create item

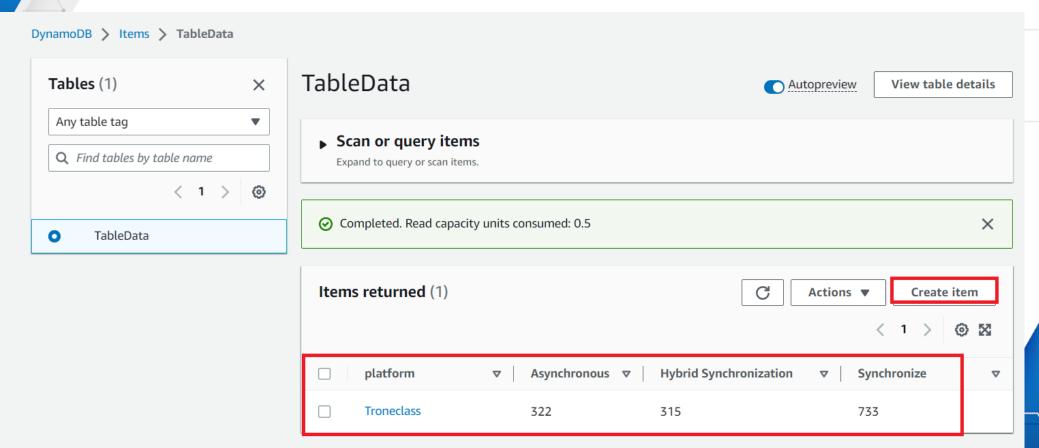




按下 Save Change

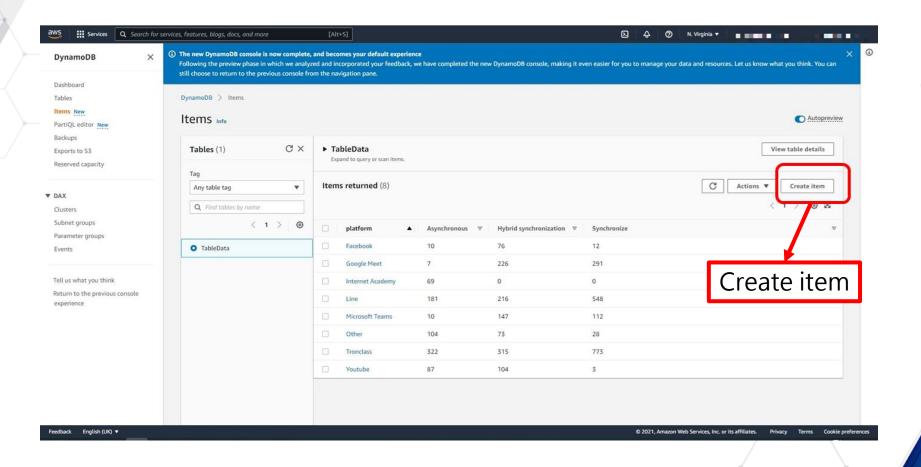






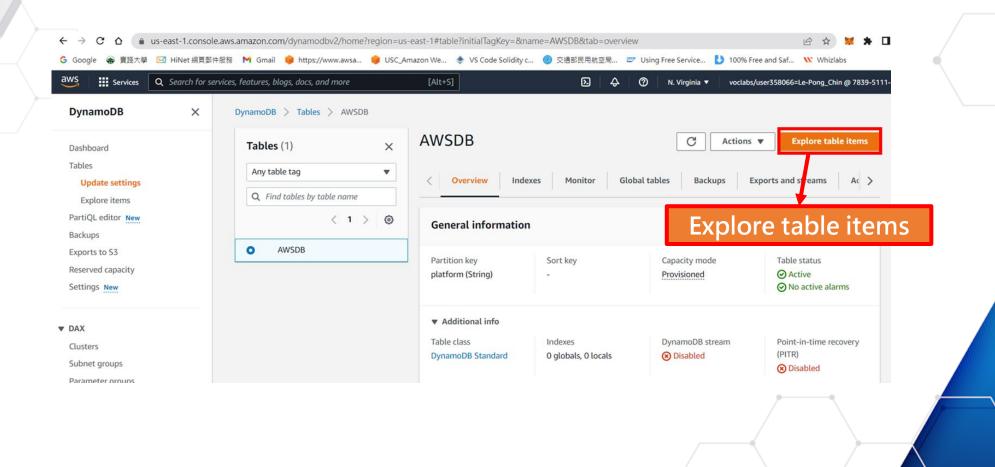


Step 14: Repeat adding data using Create item





Step 15: Click Explore table items to verify the table





Notations

Partition key

Item

Attribute

- Name
- Data typeValue

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Youtube	3	87	104
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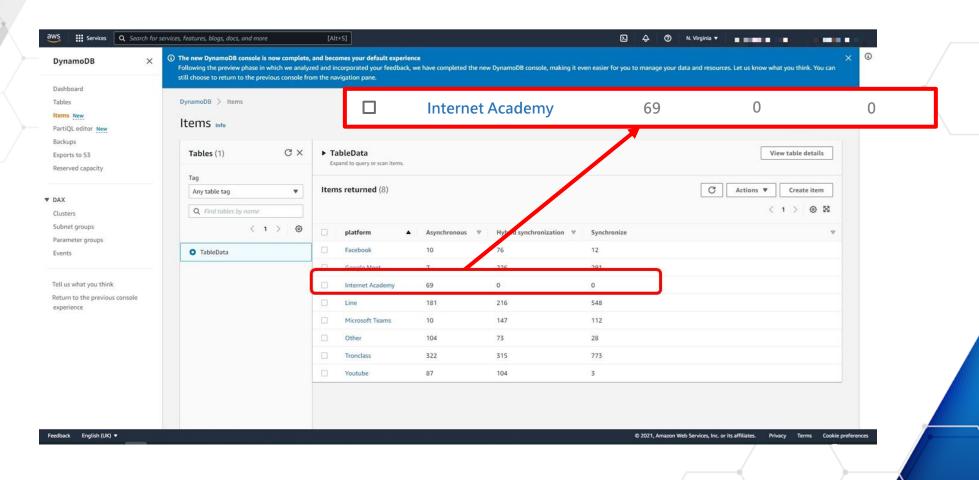
Attribute value discussion



Important! Not each attribute has its value

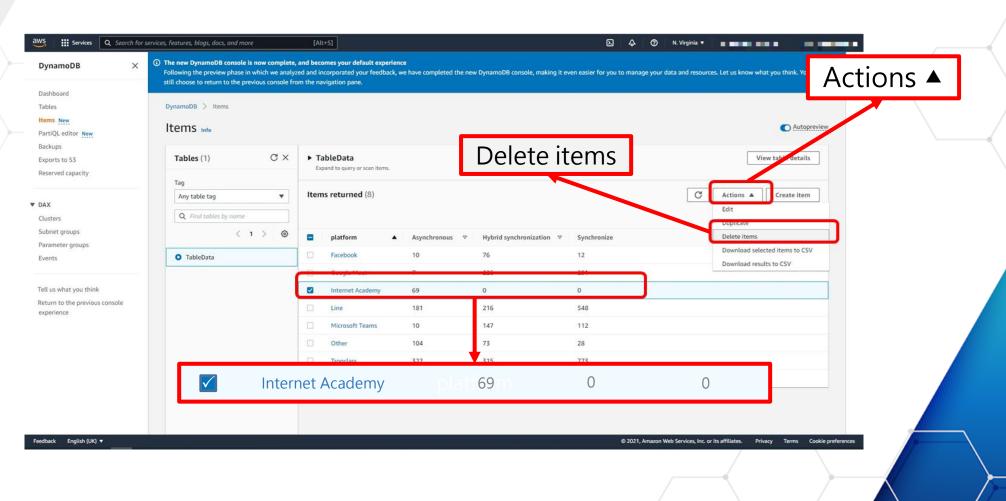


Step 1 : Table Shown



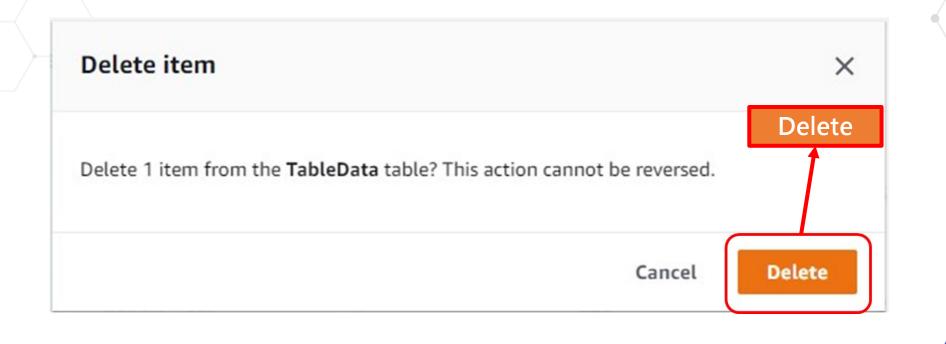


Step 2 : Select Internet Academy, scroll down Action, click Delete items



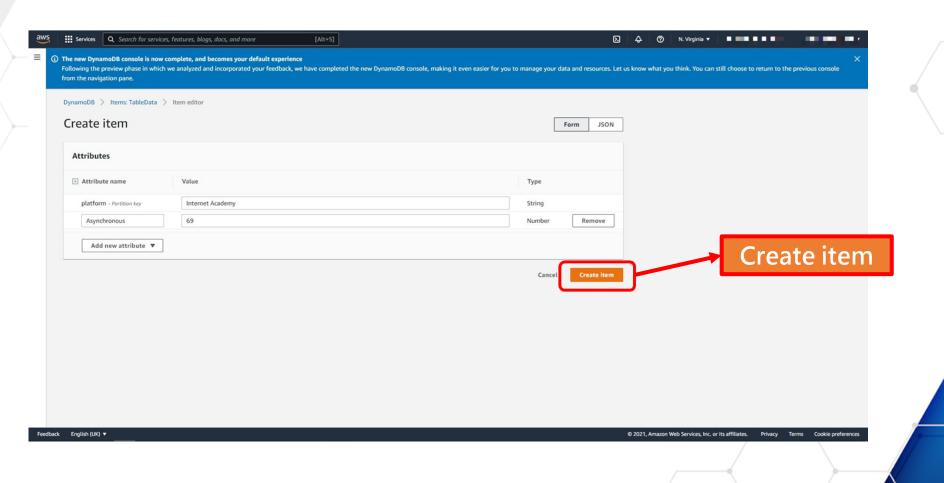


Step 3: Click Delete, and delete the item of Internet Academy



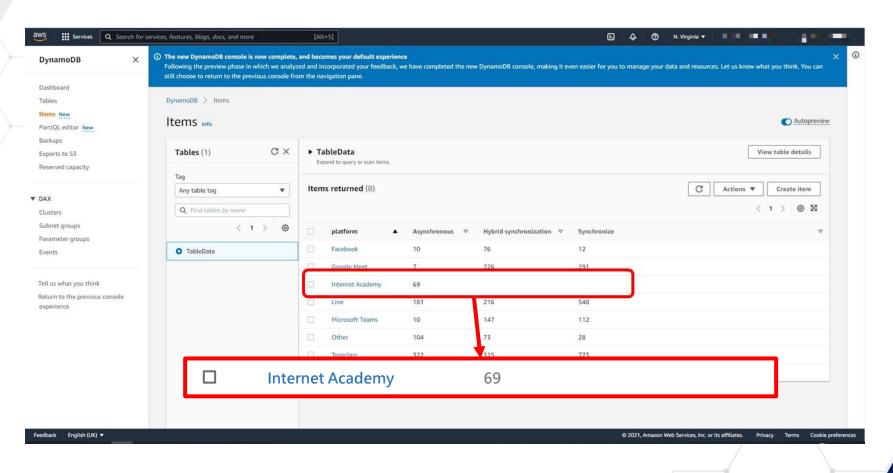


Step 4: Create new item of Internet Academy and click Create item





Step 5: There are two attributes of Internet Academy empty





Description of Non-Relational Database

Platform	Synchronize	Asynchronous	Hybrid Synchronization
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Youtube	3	87	104
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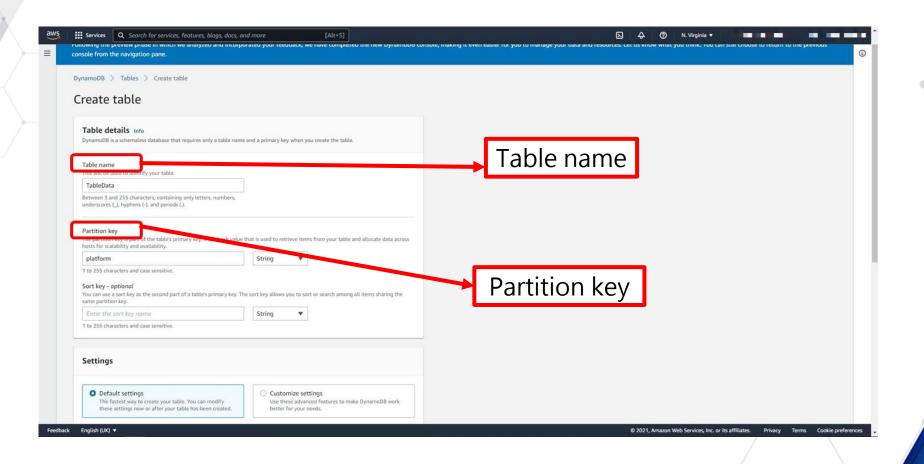
Query data using SQL - using PartiQL editor



Query data using SQL - using PartiQL editor

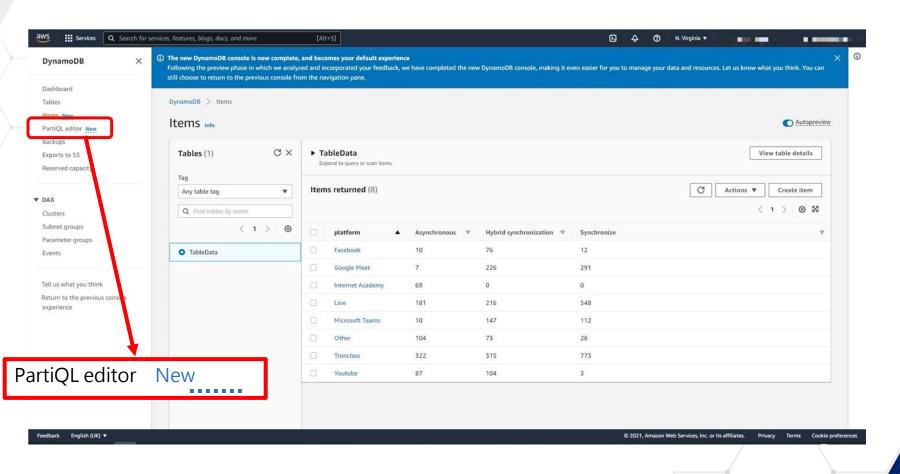


Remember: Table name and Partition key



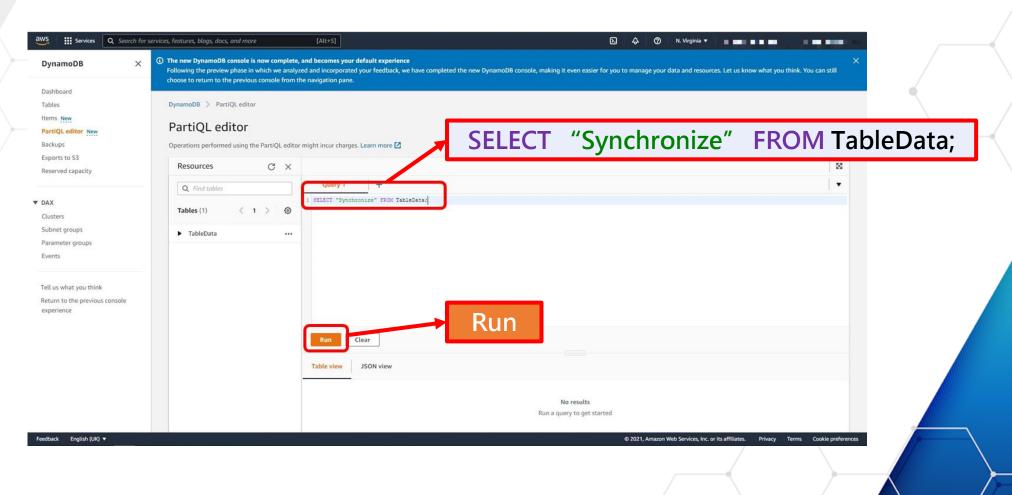


Step 1: Enter the DynamoDB Dashboard and Click PartiQL editor to use SQL language to query Table



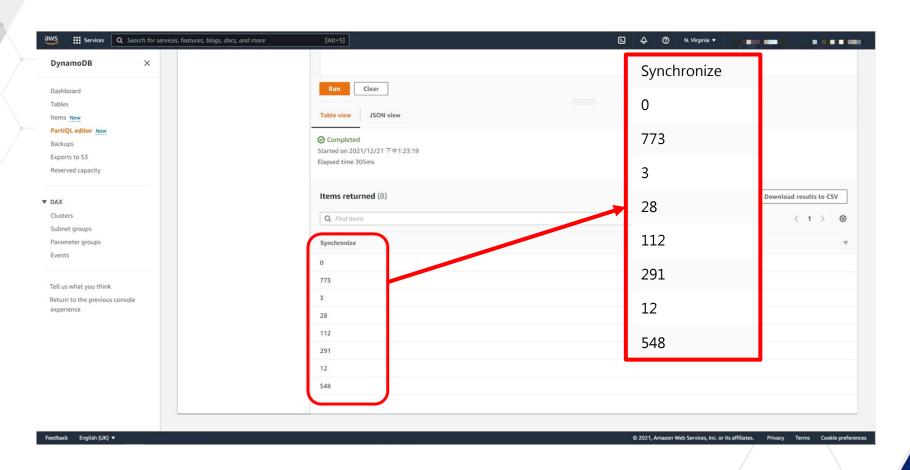


Step 2: Try to enter SELECT "Synchronize" FROM "TableData" to query table





Step 3: All data shown





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