Introduction to Amazon DynamoDB

Start Lab

Open Console
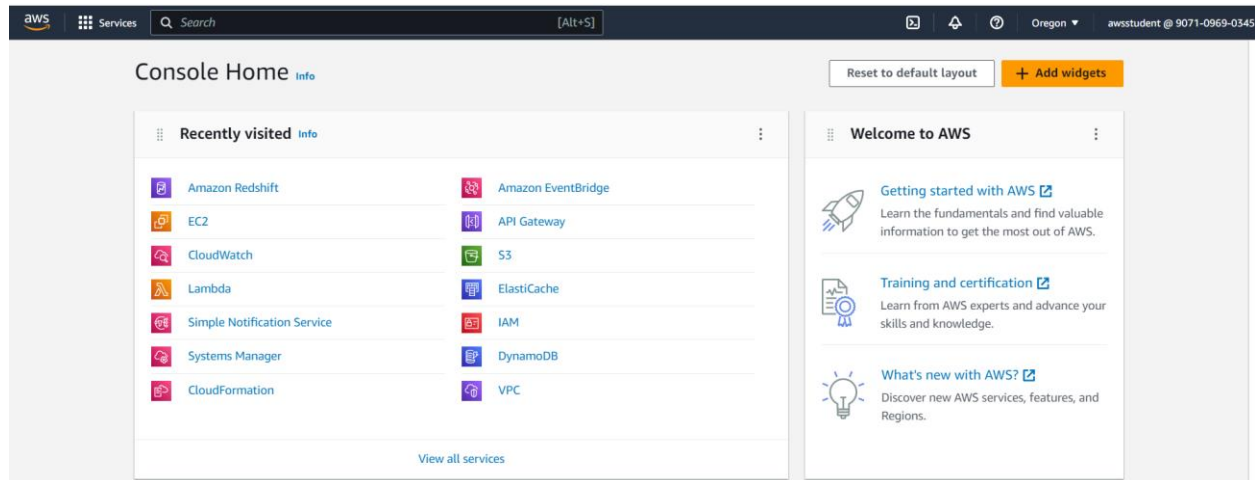
1.Create a new table

DynamoDB

Details:

Creating Music Table:

2.Add data

Create Item:

Add new attribute:

Create a second item:

Create 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 ⧉

[Form] [JSON view]

Attributes

[Add new attribute ▼]

Attribute name	Value	Type	
Artist - *Partition key*	John Lennon	String	
Song - *Sort key*	Imagine	String	
Album	Imagine	String	Remove
Year	1971	Number	Remove
Genre	Soft rock	String	Remove

Cancel   [Create item]

Third item:

Create 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 ⧉

[Form] [JSON view]

Attributes

[Add new attribute ▼]

Attribute name	Value	Type	
Artist - *Partition key*	Psy	String	
Song - *Sort key*	Gangnam Style	String	
Album	Psy 6 (Six Rules), Part 1	String	Remove
Year	2011	Number	Remove
LengthSeconds	219	Number	Remove

Cancel   [Create item]

Music

◉ Autopreview   **View table details**

▶ **Scan or query items**
Expand to query or scan items.

✓ Completed. Read capacity units consumed: 0.5   ✕

Items returned (3)   ⟳   **Actions ▼**   **Create item**

‹ 1 ›   ⚙ ⛶

☐	Artist ▽	Song ▽	Album ▽	Genre ▽	LengthSecond
☐	Pink Floyd	Money	The Dark Si...		
☐	John Lennon	Imagine	Imagine	Soft rock	
☐	Psy	Gangnam Style	Psy 6 (Six R...		219

3.Modify an existing item:

DynamoDB › Items: Music › Edit item

Edit item   **Form**   JSON view

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 ⧉

Attributes   Add new attribute ▼

⊞ Attribute name	Value	Type	
Artist - Partition key	Psy	String	
Song - Sort key	Gangnam Style	String	
Album	Psy 6 (Six Rules), Part 1	String	Remove
LengthSeconds	219	Number	Remove
Year	2012	Number	Remove

Cancel   **Save changes**

4.Query the table

Music

Autopreview · View table details

▼ Scan or query items

○ Scan   ● Query

Select a table or index
Table - Music ▼

Select attribute projection
All attributes ▼

Artist (Partition key)
Psy

Song (Sort key)
Equal to ▼   Gangnam Style   ☐ Sort descending

▶ Filters

Run   Reset

⊘ Completed. Read capacity units consumed: 0.5   ✕

Items returned (1)   ⟳   Actions ▼   Create item

‹ 1 › ⚙ ⛶

☐	Artist ▽	Song ▽	Album ▽	LengthSeconds ▽	Year
☐	Psy	Gangnam Style	Psy 6 (Six R...	219	2012

5. Delete the table

Delete table   ✕

Delete table **Music** in **US West (Oregon)** permanently? This action cannot be undone.

> ⚠ Proceeding with this action will delete the table and you won't be able to retrieve this data.

☑ Delete all CloudWatch alarms for **Music**.

☐ Create an on-demand backup of **Music** before deletion.
You can create an on-demand backup of your table for long-term retention and data archiving. You can then use this backup to restore your data to its exact state before table deletion. Additional charges apply for on-demand backup and restore. For more information see **Pricing** ⬈.

To avoid unintentional deletions, we ask you to provide additional confirmation.

Enter "confirm" to agree.

confirm

Cancel   **Delete**

End of lab:

← Introduction to Amazon DynamoDB

End Lab   00:44:52

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. Learn more.

Open Console

End lab

Follow these steps to close the console, end your lab, and evaluate your lab experience.

41. Return to the **AWS Management Console**.

42. At the upper-right corner of the page, choose **awsstudent@<AccountNumber>**, and then choose **Sign out**.

43. Choose **End Lab**.

44. Choose **Submit**.

45. (Optional):