

Assignment 3 - Introduction to Amazon DynamoDB

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Section – B

1a)

The screenshot shows the Amazon DynamoDB console interface. On the left is a navigation pane with options like Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, and Reserved capacity. The main content area displays a message about the new DynamoDB console and a notification that the table 'pes2ug19cs076' was created with auto scaling turned off. Below this, the 'Tables (1)' section shows a table with the following details:

Name	Status	Partition key	Sort k...	Indexes	Read capacity mode	Write capacity mo...	Size	Table clas
pes2ug19cs076	Active	Artist (S)	Song (S)	0	Provisioned (S)	Provisioned (S)	0 bytes	DynamoD

2a)

The screenshot shows the Amazon DynamoDB console interface, specifically the 'Items' page for the table 'pes2ug19cs076'. A green notification bar at the top indicates 'The item has been saved successfully.' The main content area shows the table 'pes2ug19cs076' selected, with options to 'Autopreview', 'Actions', 'Create item', and 'Update table settings'. Below this, the 'Items returned (3)' section displays a table with three items:

Artist	Song	Album	Genre	LengthS...	Year
Psy	Gangnam S...	Psy 6 (Six R...		219	2011
John Lennon	Imagine	Imagine	Soft Rock		1971
Pink Floyd	Money	The Dark Si...			1973

3a)

The screenshot shows the AWS Management Console interface for a DynamoDB table named `pes2ug19cs076`. The left sidebar contains navigation options for DynamoDB, DAX, and feedback. The main content area is titled "Scan/Query items" and includes a "Scan" button and a "Query" button. The "Table or index" dropdown is set to `pes2ug19cs076`. The "Filters" section is empty. The "Run" button is highlighted in orange. Below the "Run" button, a status bar indicates "Completed" with "Read capacity units consumed: 0.5". The "Items returned (3)" section shows a table with 3 items:

<input type="checkbox"/>	Artist	Song	Album	Genre	LengthS...	Year
<input type="checkbox"/>	John Lennon	Imagine	Imagine	Soft Rock		1971
<input type="checkbox"/>	Pink Floyd	Money	The Dark Si...			1973
<input type="checkbox"/>	Psy	Gangnam S...	Psy 6 (Six R...		219	2012

4a)

The screenshot shows the AWS Management Console interface for a DynamoDB table named `pes2ug19cs076`. The left sidebar contains navigation options for DynamoDB, DAX, and feedback. The main content area is titled "Scan/Query items" and includes a "Scan" button and a "Query" button. The "Table or index" dropdown is set to `pes2ug19cs076`. The "Artist (Partition key)" dropdown is set to `Psy`. The "Song (Sort key)" dropdown is set to `Equal to` and the "Gangnam Style" text input is visible. The "Sort descending" checkbox is unchecked. The "Filters" section is empty. The "Run" button is highlighted in orange. Below the "Run" button, a status bar indicates "Completed" with "Read capacity units consumed: 0.5". The "Items returned (1)" section shows a table with 1 item:

<input type="checkbox"/>	Artist	Song	Album	LengthS...	Year
<input type="checkbox"/>	Psy	Gangnam S...	Psy 6 (Six R...	219	2012


4b)


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DynamoDB

Dashboard

Tables

Update settings

Explore items

PartiQL editor

Backups

Exports to S3

Reserved capacity

DAX

Clusters

Subnet groups

Parameter groups

Events

Tell us what you think

Return to the previous console experience

Density settings

pes2ug19cs076

Scan

Query

Table or index

pes2ug19cs076

Filters

Attribute name

Year

Type

Number

Condition

Equal to

Value

1971

Remove

Add filter

Run

Reset

Completed

Read capacity units consumed: 0.5

Items returned (1)

Artist

Song

Album

Genre

Year

John Lennon

Imagine

Imagine

Soft Rock

1971