

# DATABASE-ASSIGNMENT-3

The screenshot shows the 'Create table' page in the AWS Management Console. The page is titled 'Create table' and includes a 'Table details' section. Under 'Table details', there is a 'Table name' field with the value 'Assign3-Table'. Below this is a 'Partition key' section with a field for 'ID' and a dropdown menu set to 'String'. There is also a 'Sort key - optional' section with a field for 'Enter the sort key name' and a dropdown menu set to 'String'. The 'Table settings' section is at the bottom, with 'Default settings' selected. The page is viewed in a browser window with the URL 'ap-south-1.console.aws.amazon.com/dynamodbv2/home?region=ap-south-1#create-table'.

**Create table**

**Table details** [Info](#)

DynamoDB is a schemaless database that requires only a table name and a primary key when you create the table.

**Table name**

This will be used to identify your table.

Between 3 and 255 characters, containing only letters, numbers, underscores (\_), hyphens (-), and periods (.).

**Partition key**

The partition key is part of the table's primary key. It is a hash value that is used to retrieve items from your table and allocate data across hosts for scalability and availability.

1 to 255 characters and case sensitive.

**Sort key - optional**

You can use a sort key as the second part of a table's primary key. The sort key allows you to sort or search among all items sharing the same partition key.

1 to 255 characters and case sensitive.

**Table settings**

☒ **Default settings**

The fastest way to create your table. You can modify most of these settings after your table has been created. To modify these settings now, choose "Customize settings".

☐ **Customize settings**

Use these advanced features to make DynamoDB work better for your needs.

Creating DynamoDB table

The screenshot shows the 'List tables' page in the AWS Management Console. The page displays a table of tables. The table has columns: Name, Status, Partition key, Sort key, Indexes, Replication Regions, Deletion protection, Favorite, and Read capacity. The table contains one entry: 'Assign3-Table' with status 'Active', partition key 'ID (S)', sort key '-', indexes '0', replication regions '0', deletion protection 'Off', favorite status, and read capacity 'On-demand'. The page is viewed in a browser window with the URL 'ap-south-1.console.aws.amazon.com/dynamodbv2/home?region=ap-south-1#tables'.

**DynamoDB**

Dashboard

**Tables**

Explore items

PartiQL editor

Backups

Exports to S3

Imports from S3

Integrations [New](#)

Reserved capacity

Settings

**DAX**

Clusters

Subnet groups

Parameter groups

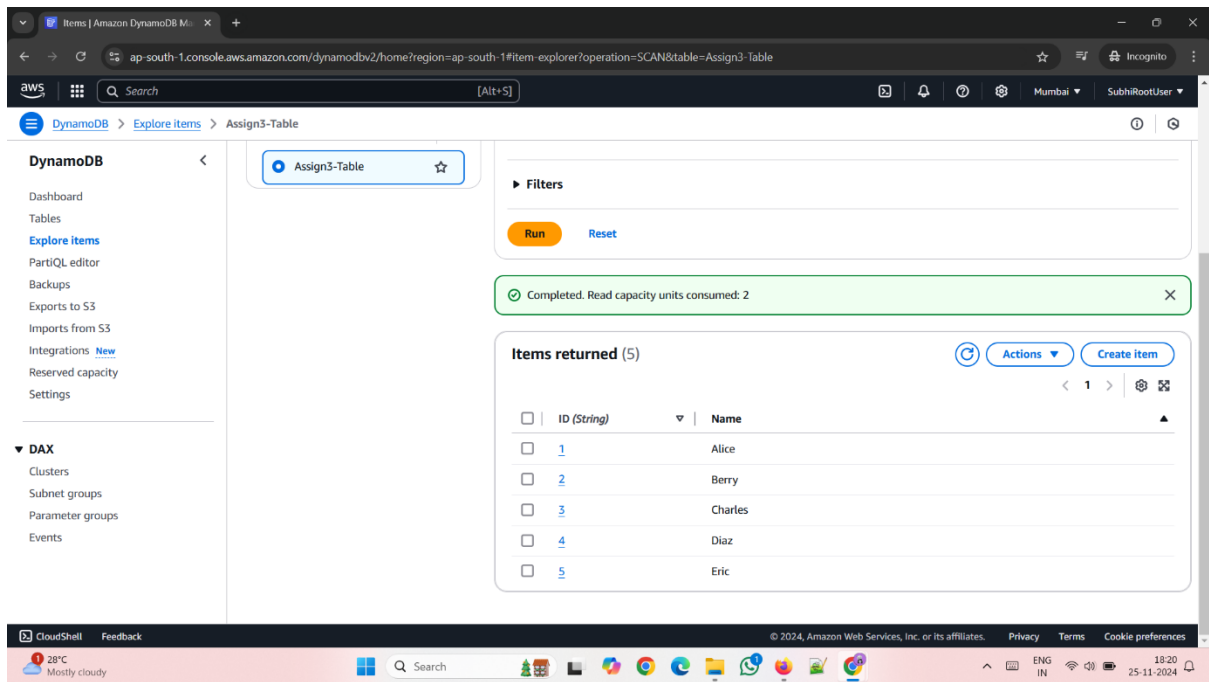
Events

**Tables (1)** [Info](#)

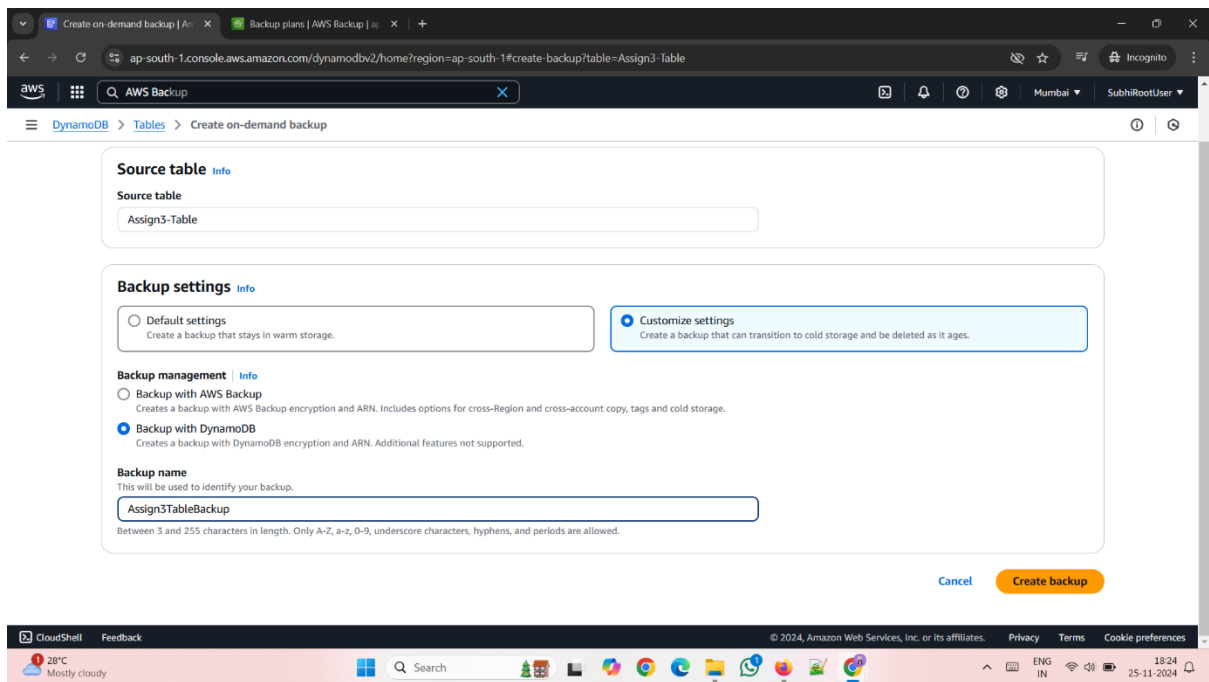
1 match < 1 >

<input type="checkbox"/>	Name	Status	Partition key	Sort key	Indexes	Replication Regions	Deletion protection	Favorite	Read capa
<input type="checkbox"/>	<a href="#">Assign3-Table</a>	Active	ID (S)	-	0	0	Off	☆	On-demar

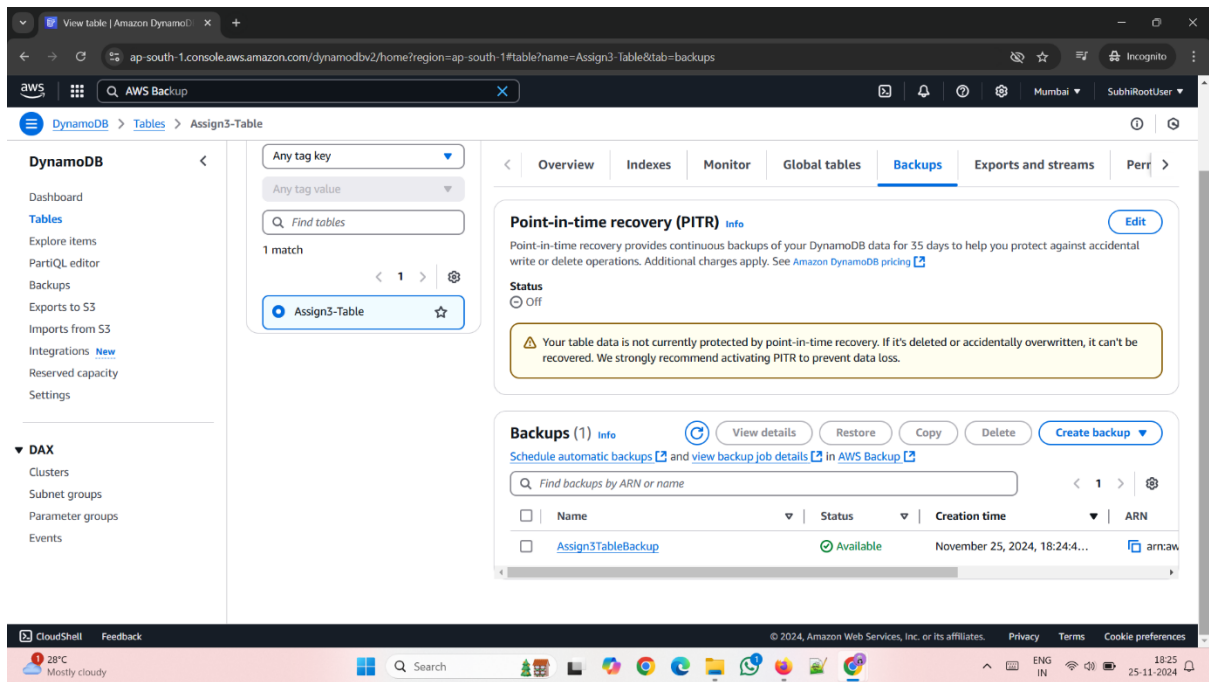
Created the table successfully



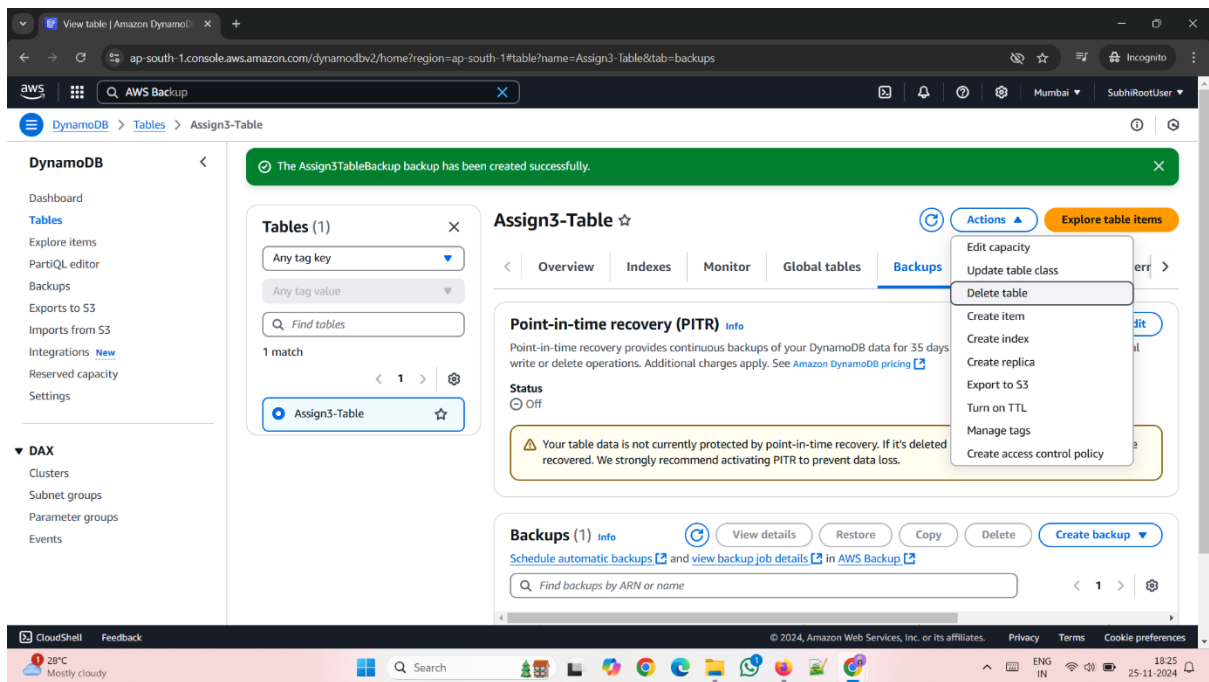
Added 5 items to the table



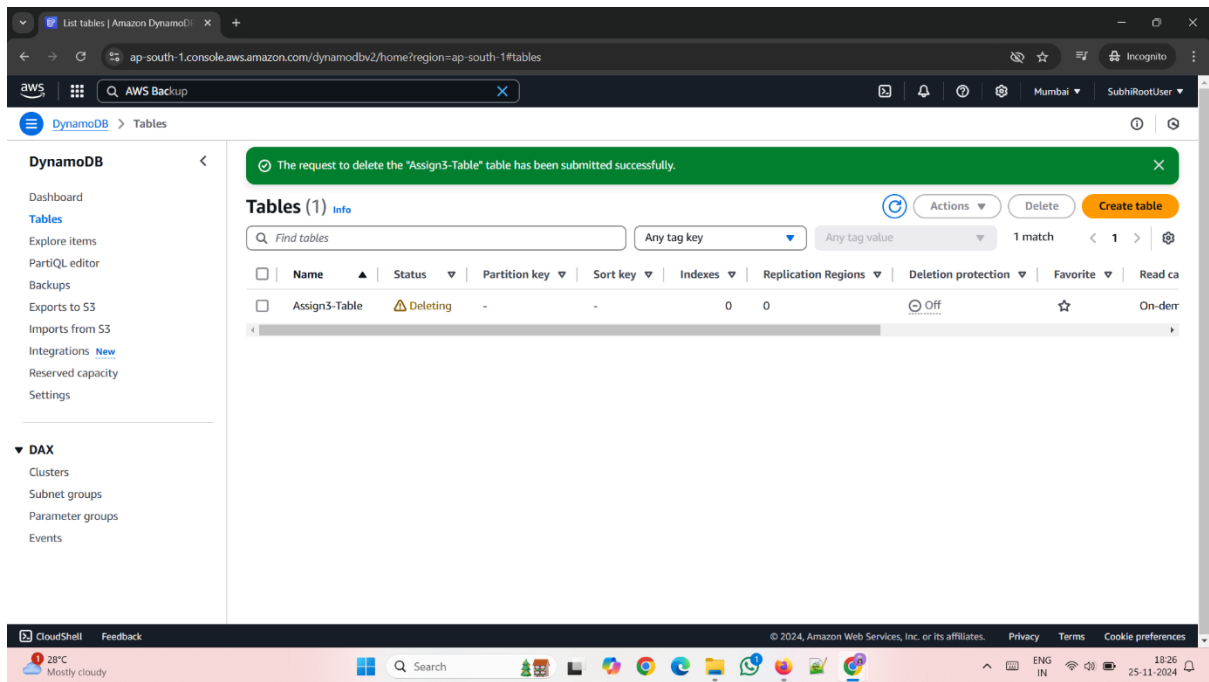
Creating a backup for the table



Created the backup



Deleting the table



Deleted the table after creating backup