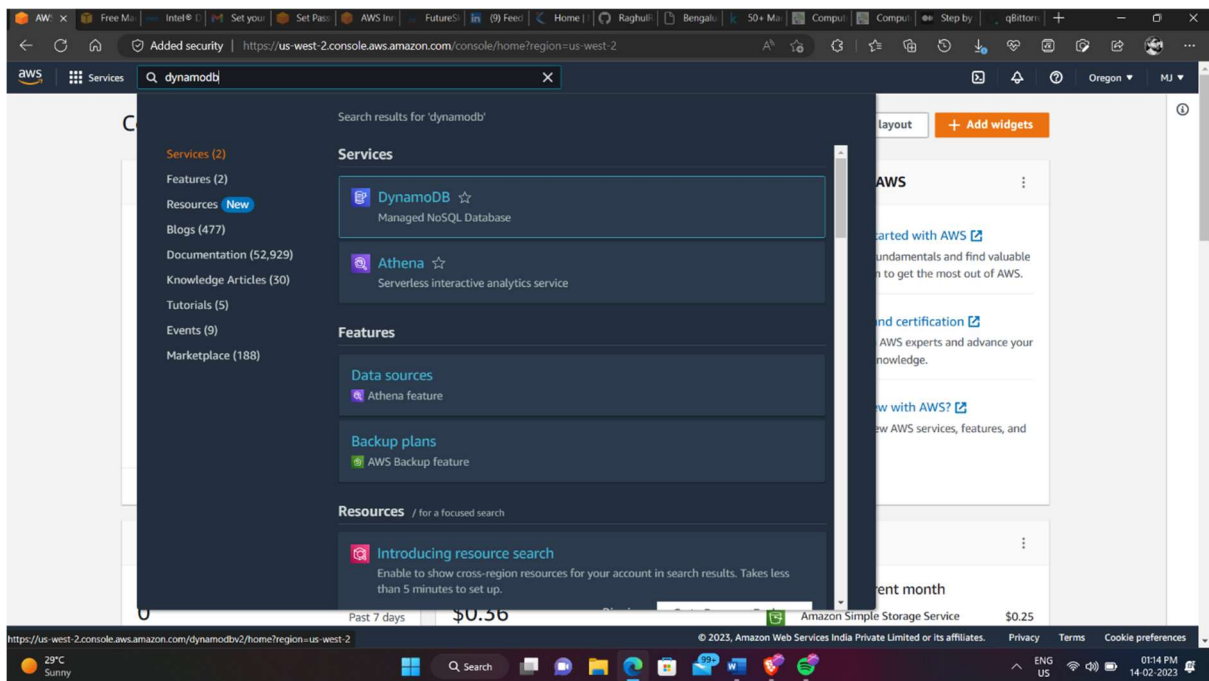


Assignment2

How to create Dynamo DB table and Write Data in table.

- Search for 'DynamoDB' in management console and select it.
- You will be taken to DynamoDB page, here click on 'Create Table'.
- Give the table name of your requirement.
- Give the Partition key (Primary key) and select its data type.
- Depending on the requirements select the Table settings, here I have selected 'Default settings'.
- Click 'Create table'.
- Wait for some time the DB will be created.
- Go to the table, tap on 'Actions' select 'Create item' to add rows and columns to table.
- At a time one row with multiple columns can be added. That is demonstrated in the pics below.



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DynamoDB

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Database

Amazon DynamoDB

A fast and flexible NoSQL database service for any scale

DynamoDB is a fully managed, key-value, and document database that delivers single-digit-millisecond performance at any scale.

Get started

Create a new table to start exploring DynamoDB.

[Create table](#)

Pricing

DynamoDB charges for reading, writing, and storing data in your DynamoDB tables, along with any optional features you choose to enable. DynamoDB has on-demand capacity mode and provisioned capacity mode, and these modes have pricing for processing reads and writes on your tables.

[Learn more about pricing](#)

How it works

What is Amazon DynamoDB?

Copy link

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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

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OregonMJ

Table settings

Default settings

The fastest way to create your table. You can modify these settings now or after your table has been created.

Customize settings

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

Default table settings

These are the default settings for your new table. You can change some of these settings after creating the table.

Setting	Value	Editable after creation
Capacity mode	Provisioned	Yes
Read capacity	5 RCU	Yes
Write capacity	5 WCU	Yes
Auto scaling	On	Yes
Local secondary indexes	-	No
Global secondary indexes	-	Yes
Encryption key management	Owned by Amazon DynamoDB	Yes
Table class	DynamoDB Standard	Yes

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Capacity mode	Provisioned	Yes
Read capacity	5 RCU	Yes
Write capacity	5 WCU	Yes
Auto scaling	On	Yes
Local secondary indexes	-	No
Global secondary indexes	-	Yes
Encryption key management	Owned by Amazon DynamoDB	Yes
Table class	DynamoDB Standard	Yes

Tags

Tags are pairs of keys and optional values, that you can assign to AWS resources. You can use tags to control access to your resources or track your AWS spending.

No tags are associated with the resource.

Add new tag

You can add 50 more tags.

Cancel

Create table

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Creating the ExcelTable table. It will be available for use shortly.

DynamoDB > Tables

Tables (1) Info

Find tables by table name

Any table tag

	Name	Status	Partition key	Sort key	Indexes	Read capacity mode	Write capacity mode	Total
<input type="checkbox"/>	ExcelRTTable	Creating	Country (S)	-	0	Provisioned with auto scaling (5)	Provisioned with auto scaling (5)	0

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The ExcelRTTable table was created successfully.

DynamoDB > Tables

Tables (1) Info

Find tables by table name

Any table tag

	Name	Status	Partition key	Sort key	Indexes	Read capacity mode	Write capacity mode	Total
<input type="checkbox"/>	ExcelRTTable	Active	Country (S)	-	0	Provisioned with auto scaling (5)	Provisioned with auto scaling (5)	0

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DynamoDB > Tables > ExcelRTable

Tables (1)
Any table tag
Find tables by table name
ExcelRTable

ExcelRTable

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Protect your DynamoDB table from accidental writes and deletes
When you turn on point-in-time recovery (PITR), DynamoDB backs up your table data automatically so that you can restore to any given second in the preceding 35 days. Additional charges apply. [Learn more](#) Edit PITR

General information

Partition key Country (String)	Sort key -	Capacity mode Provisioned	Table status Active
Alarms No active alarms	Point-in-time recovery (PITR) Off		

Additional info

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Tables (1)
Any table tag
Find tables by table name
ExcelRTable

ExcelRTable

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General information

Partition key Country (String)	Sort key -	Capacity mode Provisioned	Table status Active
Alarms No active alarms	Point-in-time recovery (PITR) Off		

Additional info

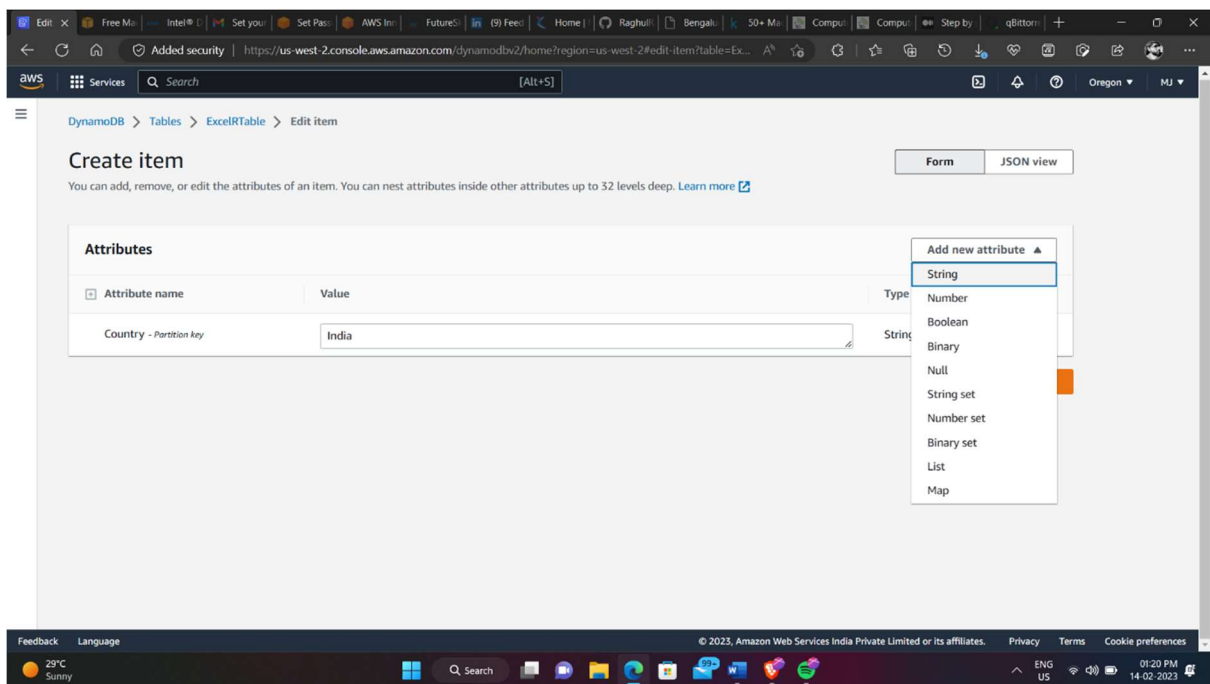
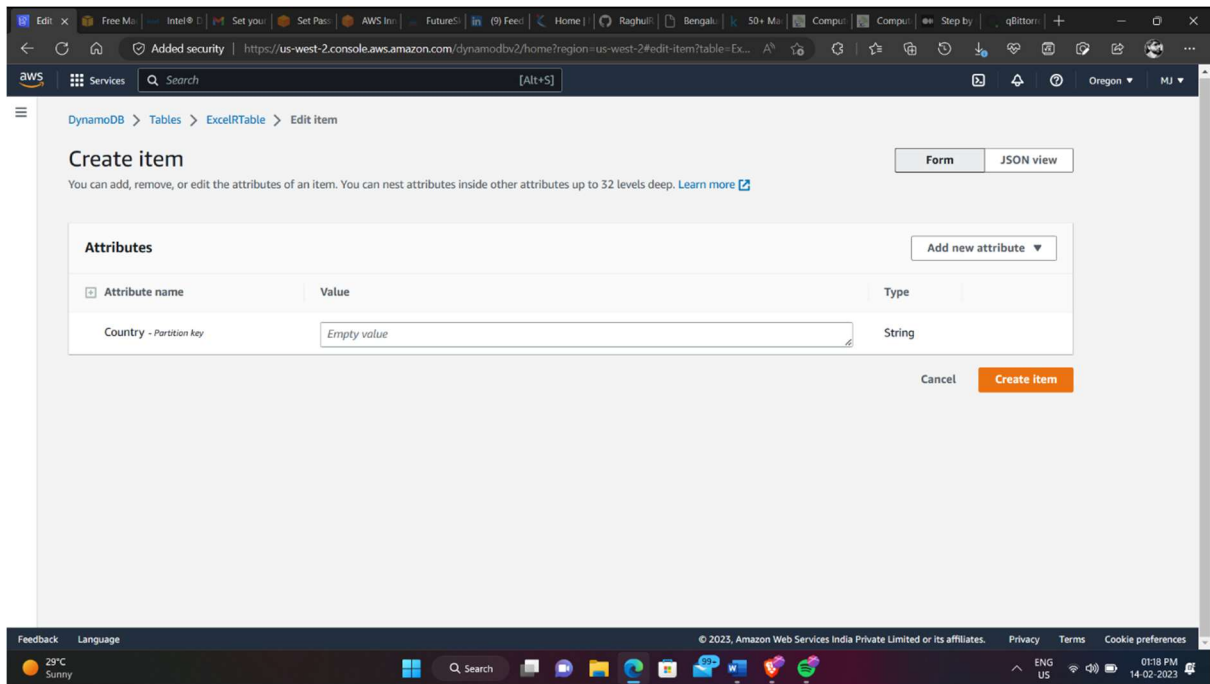
Items summary
DynamoDB updates the following information approximately every six hours.

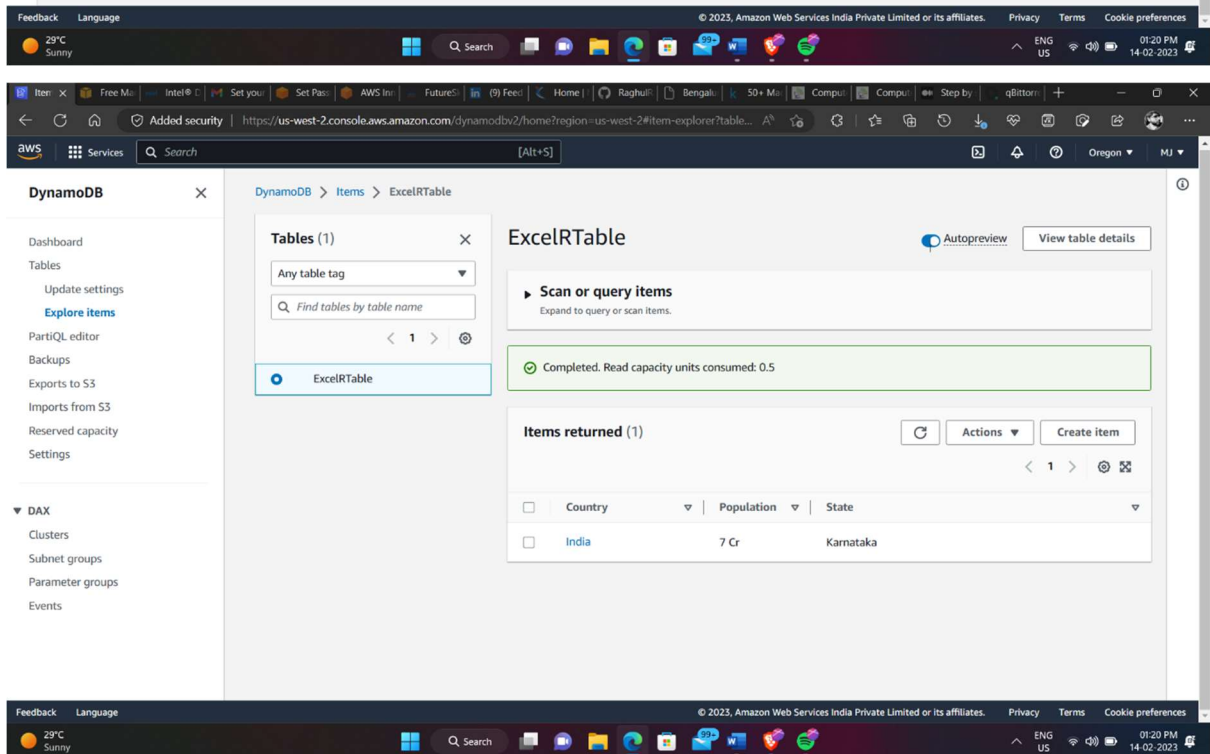
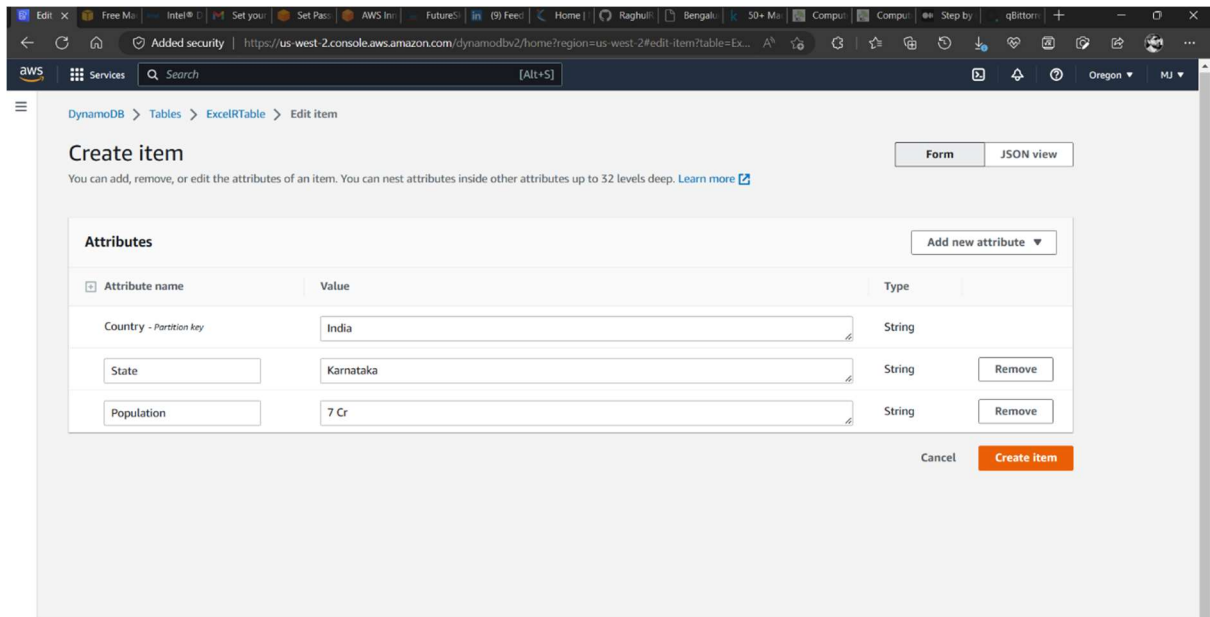
Item count 0	Table size 0 bytes	Average item size 0 bytes
-----------------	-----------------------	------------------------------

Get live item count

Actions
Edit capacity
Update table class
Delete table
Create item
Create index
Create replica
Export to S3
Enable TTL
Manage tags
Create access control policy

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DynamoDB > Items > ExcelRTable

Tables (1) X

Any table tag
Find tables by table name
< 1 > ⚙

ExcelRTable

ExcelRTable Autopreview View table details

► Scan or query items
Expand to query or scan items.

Completed. Read capacity units consumed: 0.5

Items returned (1) ⌂ Actions ▼ Create item
< 1 > ⚙

<input type="checkbox"/>	Country	Population	State
<input type="checkbox"/>	India	7 Cr	Karnataka

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DynamoDB > Items > ExcelRTable

Tables (1) X

Any table tag
Find tables by table name
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ExcelRTable

ExcelRTable Autopreview View table details

► Scan or query items
Expand to query or scan items.

Completed. Read capacity units consumed: 0.5

Items returned (2) ⌂ Actions ▼ Create item
< 1 > ⚙

<input type="checkbox"/>	Country	Population	State
<input type="checkbox"/>	Africa		
<input type="checkbox"/>	India	7 Cr	Karnataka

The item has been saved successfully.

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The item has been saved successfully.

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ExcelRTable

Tables (1)

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Any table tag

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Find tables by table name

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ExcelRTable

ExcelRTable

Autopreview

View table details

► Scan or query items

Expand to query or scan items.

Completed. Read capacity units consumed: 0.5

Items returned (2)

↺

Actions

▼

Create item

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<input type="checkbox"/>	Country	Population	State
<input type="checkbox"/>	Africa		SL1
<input type="checkbox"/>	India	7 Cr	Karnataka

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