

**Project title:**

Hands on with Amazon Dynamo DB Database

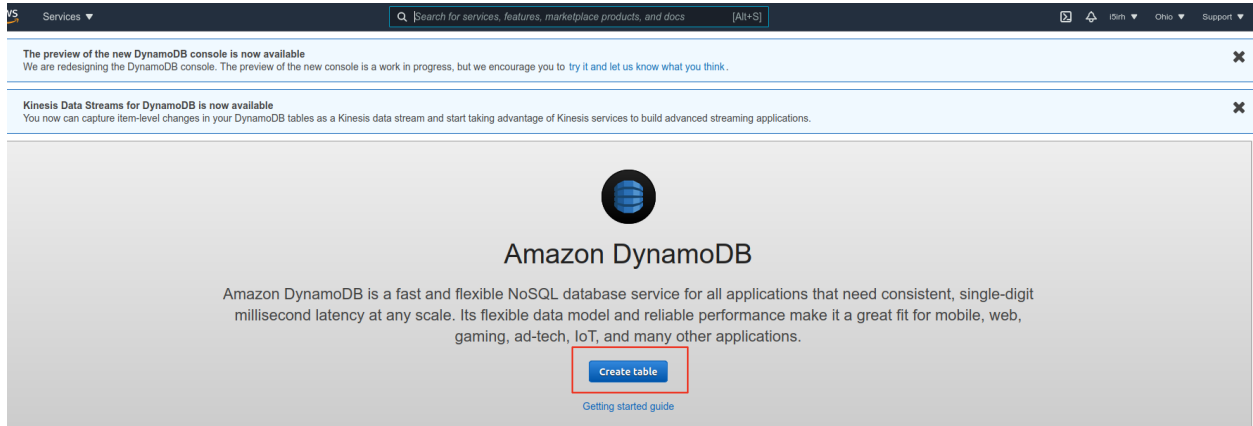
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**Objectives Project :**

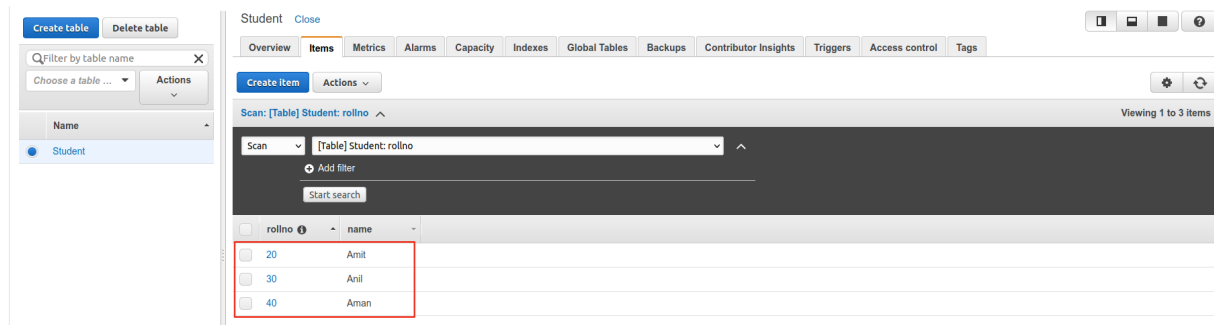
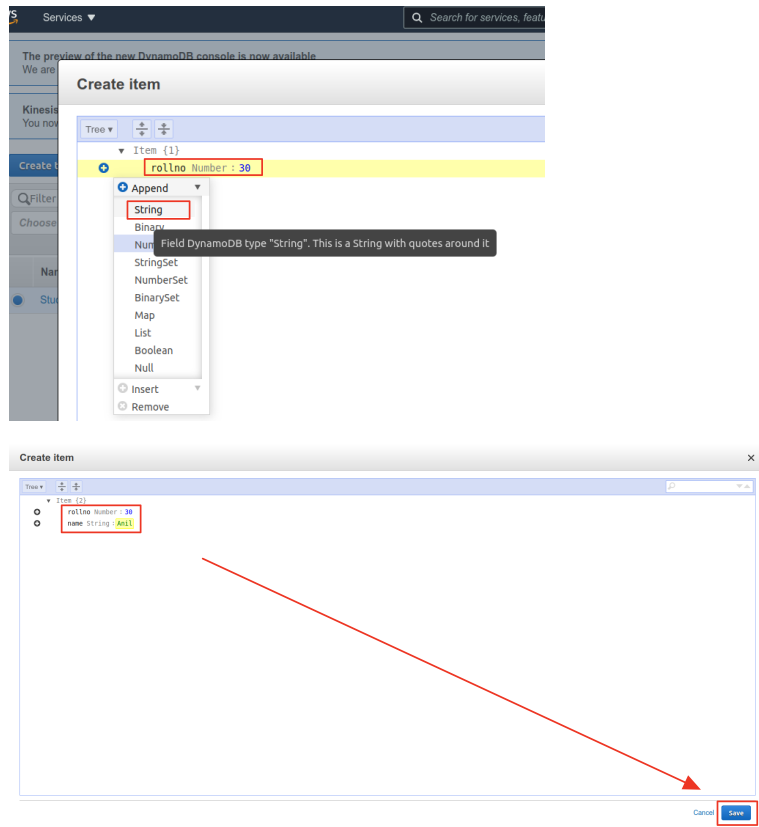
Create the Amazon Dynamo DB Table, Add Items in to Table, Query it, Delete the table

**Step1** : Create dynamo table named “Student” with Partition key “rollno” of type Number

This screenshot shows the 'Create DynamoDB table' form in the AWS console. The form is titled 'Create DynamoDB table' with a 'Tutorial' link. It includes a description of DynamoDB as a schema-less database. The form fields are annotated with red boxes and numbers: 1. 'Table name\*' field containing 'Student'. 2. 'Primary key\*' section with 'rollno' as the Partition key and 'Number' as the data type. 3. 'Table settings' section with 'Use default settings' checked. A blue information box at the bottom states: 'You do not have the required role to enable Auto Scaling by default. Please refer to documentation.' At the bottom right, there are 'Cancel' and 'Create' buttons, with the 'Create' button annotated with a red box and the number 4. A '+ Add tags' link is also visible.

**Step2** : Add following data to the table:

20 Amit  
30 Anil  
40 Aman



### Step3 : Query rollNo 20

The screenshot shows the AWS IAM console interface for a table named 'Student'. The 'Query' tab is selected, and the query is set to '[Table] Student: rollno'. The 'Partition key' is 'rollno', and the 'Number' is '20'. The 'Start search' button is highlighted with a red box. Below the query, a table shows the results: rollno: 20, name: Amit. The '20' and 'Amit' are circled in red.

| rollno | name |
|--------|------|
| 20     | Amit |

### Step4 : Delete dynamo table ' student '

The screenshot shows the AWS IAM console interface for a table named 'Student'. The 'Delete table' button is highlighted with a red box. A dialog box titled 'Delete table' is open, asking 'Are you sure you want to delete this table: Student?'. The dialog box has two checkboxes: 'Delete all CloudWatch alarms for this table' (checked) and 'Create a backup before deleting this table' (unchecked). Below the checkboxes, there is a text input field with the word 'delete' entered. The 'Delete' button is highlighted with a red box.

The screenshot shows the AWS IAM console interface for a table named 'Student'. The 'Delete table' button is highlighted with a red box. Below the table list, there is a message: 'DynamoDB is a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability. DynamoDB allows you to create a database table that can store and retrieve any amount of data, and serve any level of request traffic. More info'.

