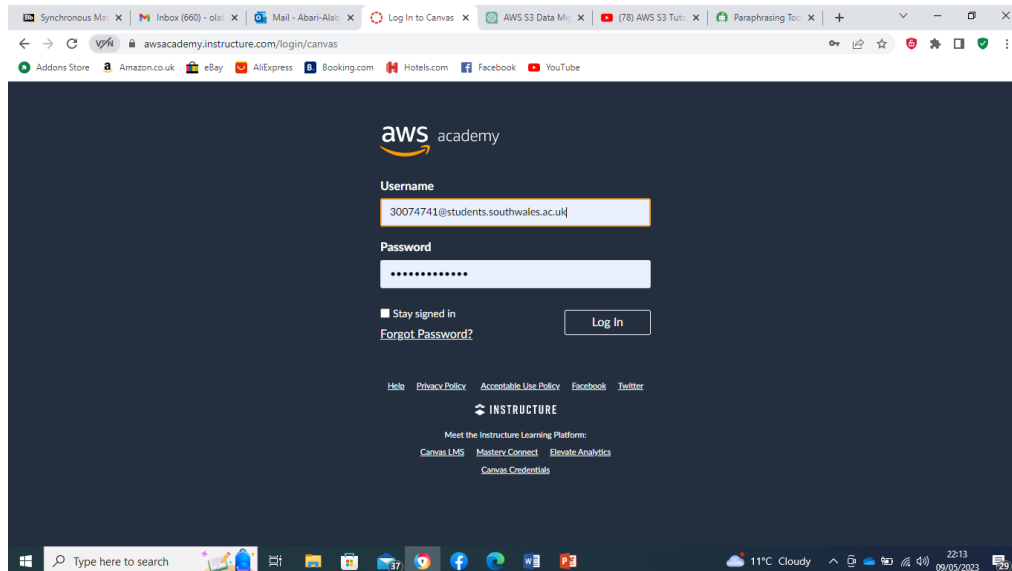
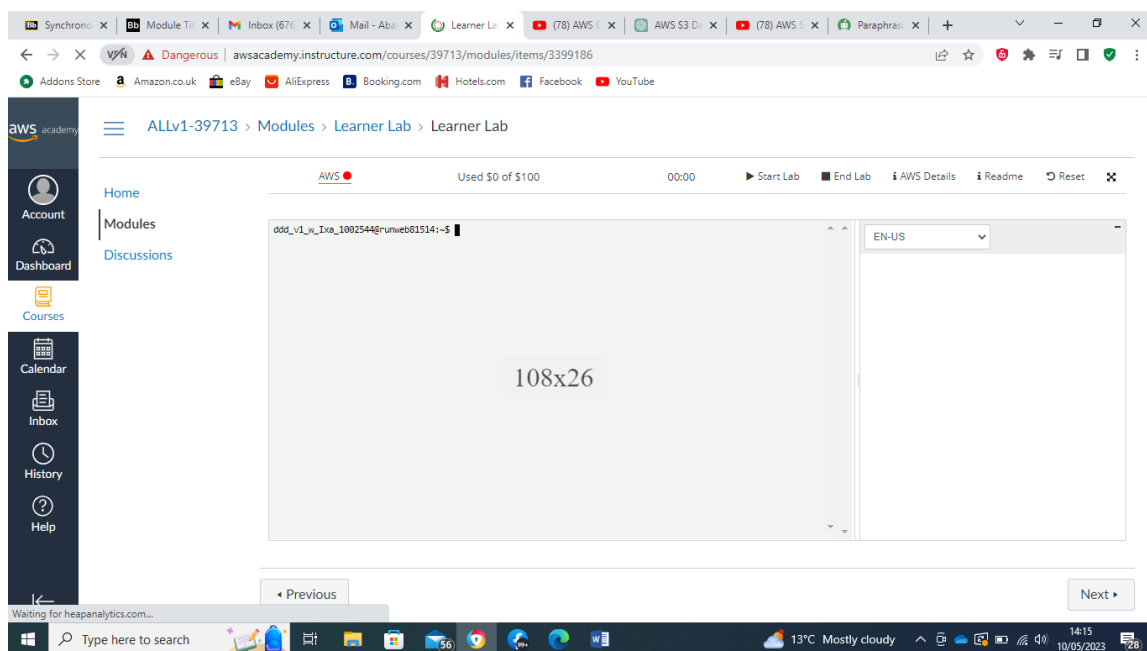


Step-By-Step Guide: Generating a DynamoDB Table Using SteelData.csv in S3 Bucket

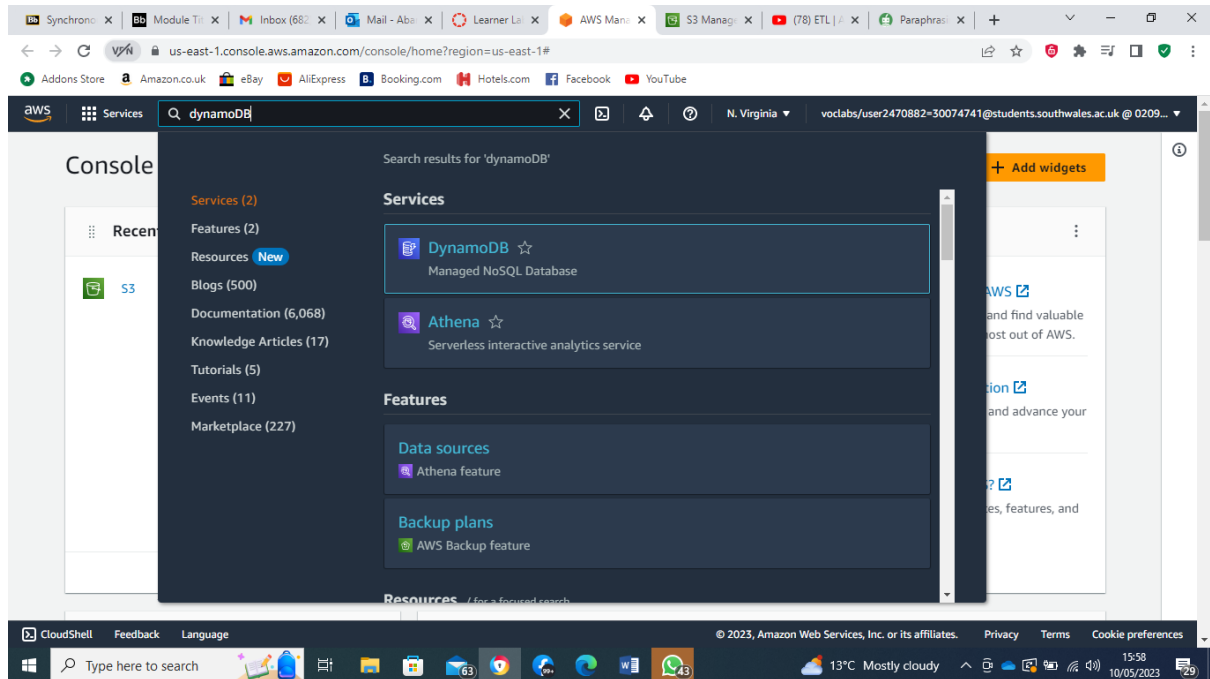
1. Open an AWS website and Click "Log in" on the AWS website. Sign-in with your credentials given to you by your administrator



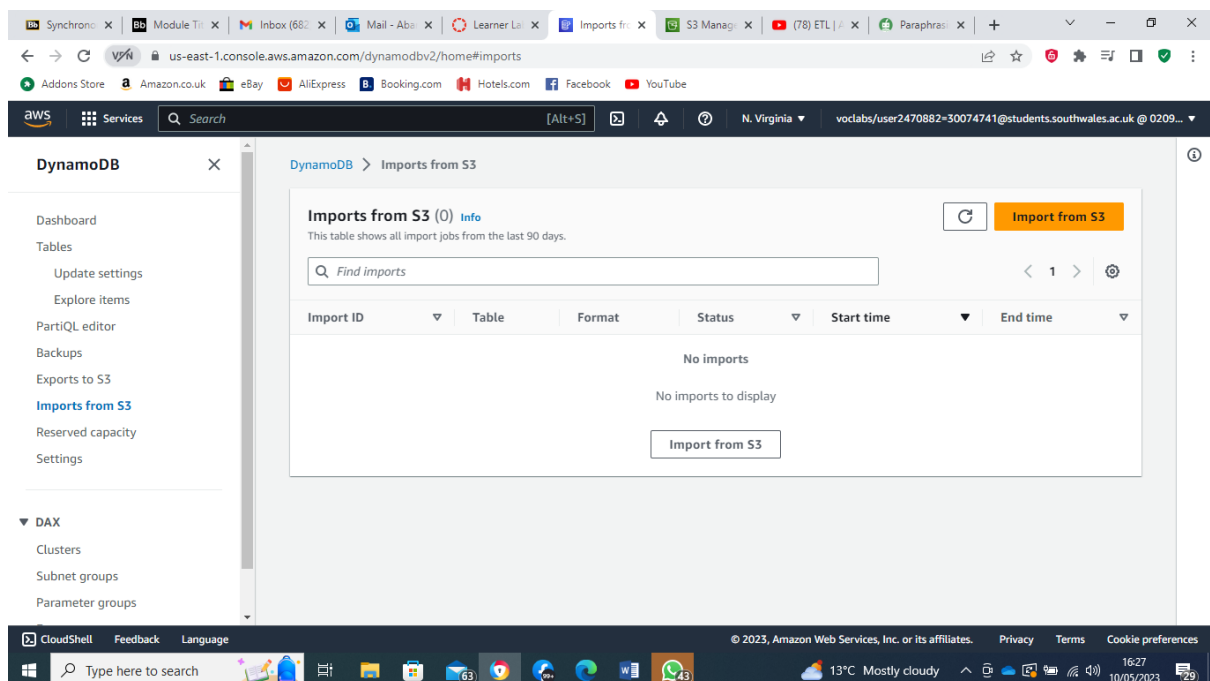
2. Access the AWS Management Console by choosing 'Start Lab' to launch your lab. Wait until you see the message "Lab status: ready". At the top of your screen, click 'AWS', this will open the AWS Management Console in a new browser tab.



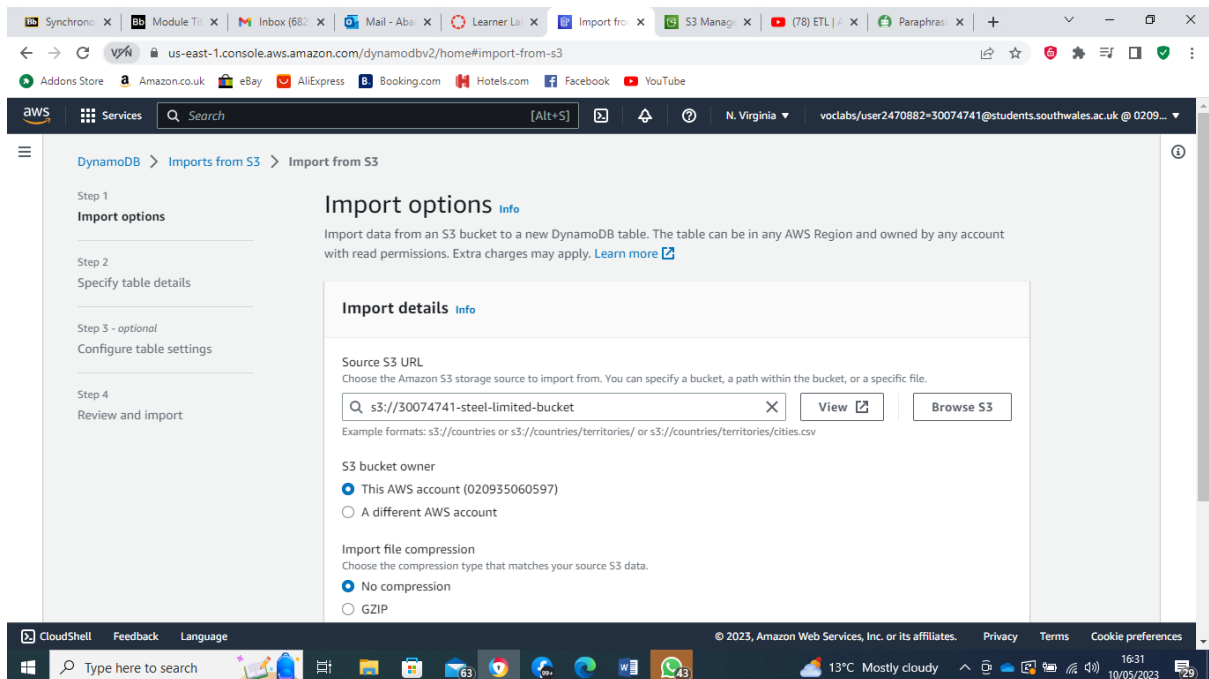
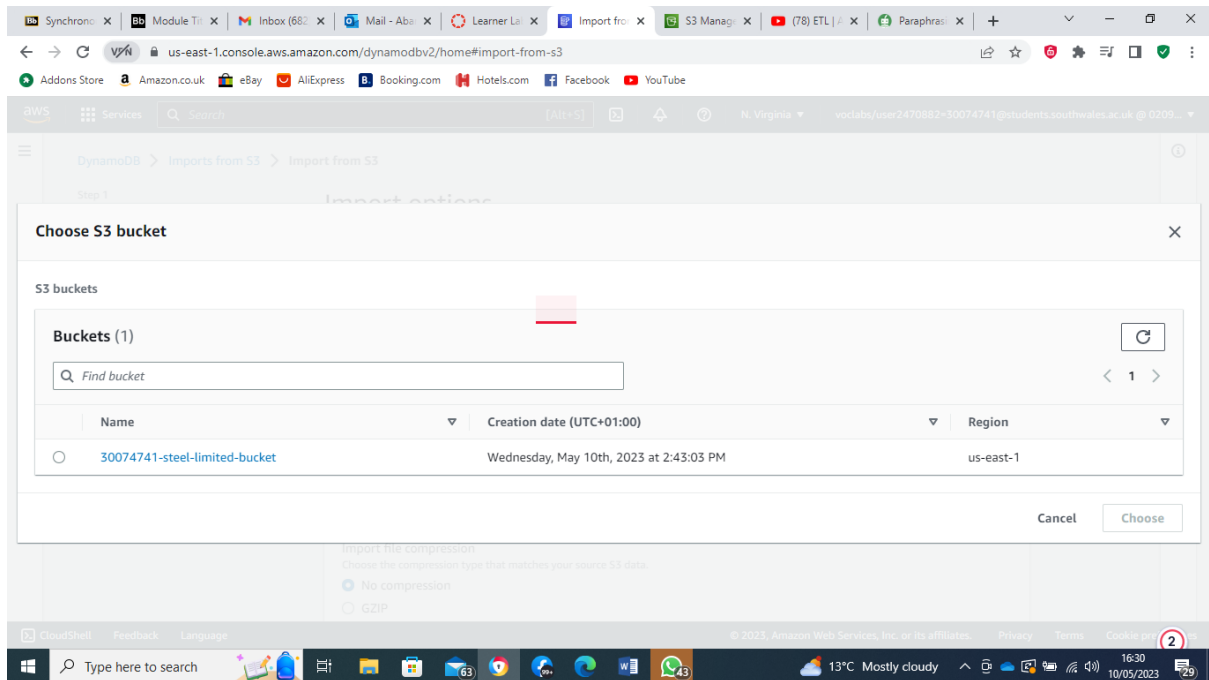
3. After logging in, go to the AWS service. DynamoDB can be found in the "Storage & Content Delivery" section of the AWS console or by typing "DynamoDB" into the search bar at the top of the page.



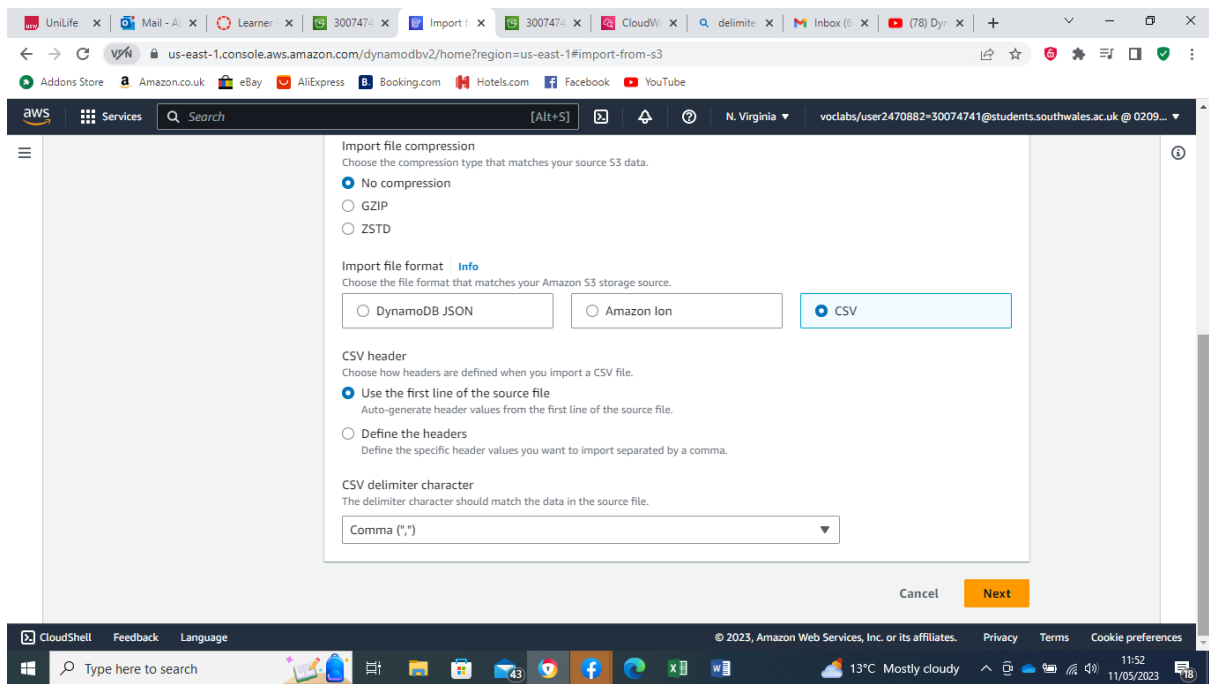
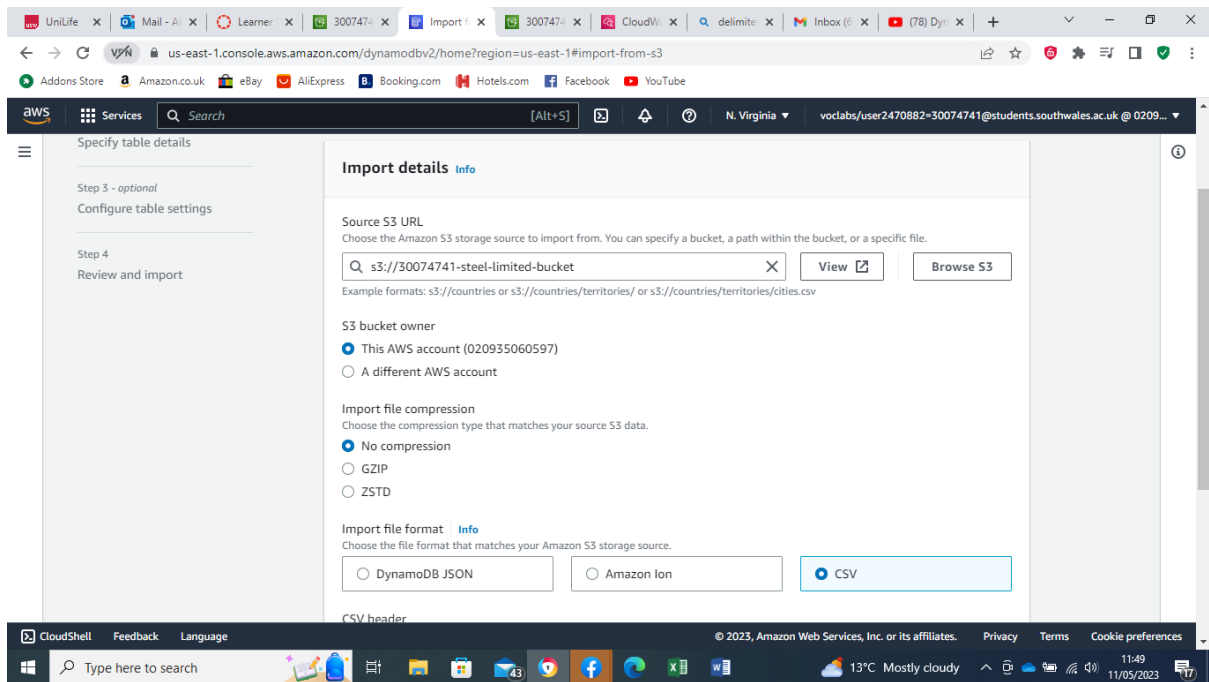
3. On the navigation tab, Click "imports from S3"



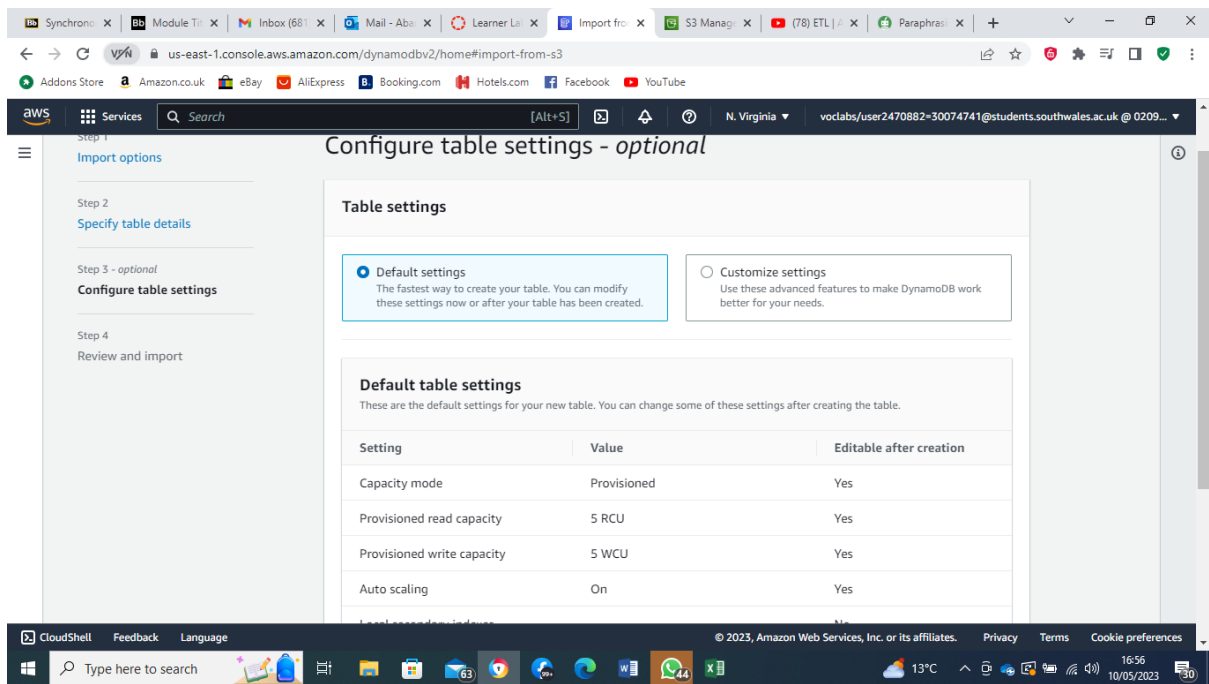
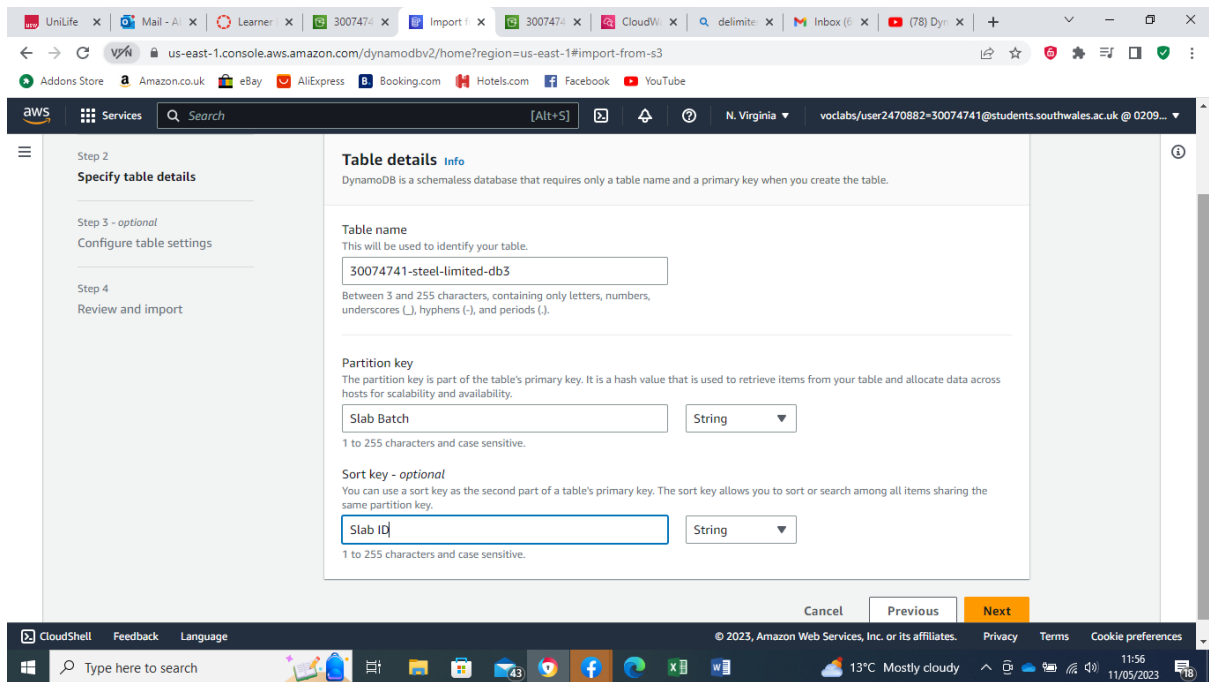
4. Browse and choose your S3 Bucket source.



5. Choose your S3 Bucket, import file compression and import file format which is CSV (set your CSV header, then Click “Next”



6. Next is to name your DynamoDB Table (30074741-steel-limited-db3), set primary (Slab Batch) and sort (Slab ID) keys base on your data, then click “Next”



7. Now, review your chosen options and click on import to start importing your data. This will take few minutes. You can click on table in the navigation tab to see your table creating.

The screenshot shows the AWS Management Console interface for the 'Imports from S3' section of a DynamoDB table. The left sidebar contains navigation links for Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Imports from S3 (selected), Reserved capacity, and Settings. The main content area shows the 'Imports from S3 (3)' page with a search bar and a table of import jobs.

| Import ID | Table | Format | Status | Start time |
|-------------------------|-----------------------------|---------------|-----------|------------------------------------|
| 01683801175068-ebdc7cf8 | 30074741-steel-limited-db3 | CSV | Completed | May 11, 2023, 11:32:55 (UTC+01:00) |
| 01683795484015-b1306450 | 30074741-steel-limited-db-2 | DynamoDB JSON | Failed | May 11, 2023, 09:58:04 (UTC+01:00) |
| 01683734470618-e28cb756 | 30074741-steel-limited-db | DynamoDB JSON | Failed | May 10, 2023, 17:01:10 (UTC+01:00) |

8. Here, the DynamoDB Table is ready and “active”

The screenshot shows the AWS Management Console interface for the 'Tables' section of a DynamoDB instance. The left sidebar contains navigation links for Dashboard, Tables (selected), Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Imports from S3, Reserved capacity, and Settings. The main content area shows the 'Tables (1/3)' page with a search bar and a table of tables.

| Name | Status | Partition key | Sort key | Indexes | Deletion protection | Read capacity |
|-----------------------------|--------|----------------|----------------|---------|---------------------|---------------|
| 30074741-steel-limited-db | Active | Slab ID (S) | Slab Batch (S) | 0 | Off | Provisioned |
| 30074741-steel-limited-db-2 | Active | PK (S) | SK (S) | 0 | Off | Provisioned |
| 30074741-steel-limited-db3 | Active | Slab Batch (S) | Slab ID (S) | 0 | Off | Provisioned |