

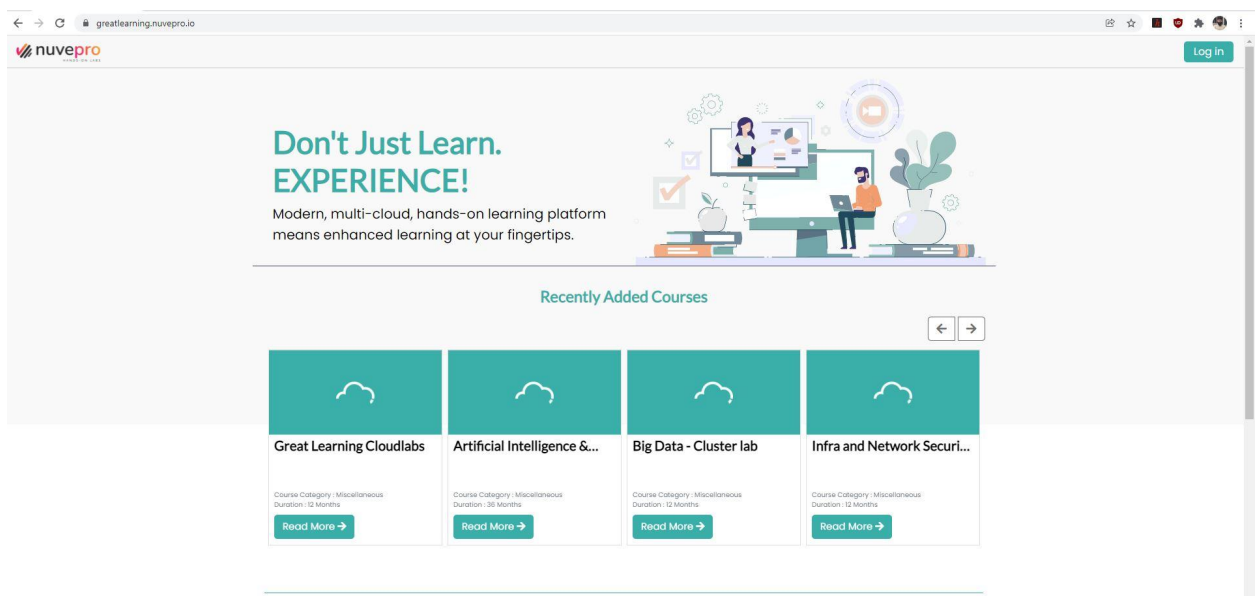
## Guideline to Access Nuvepro account and Usage

To understand the account creation and how to use it, please follow the below mentioned steps:

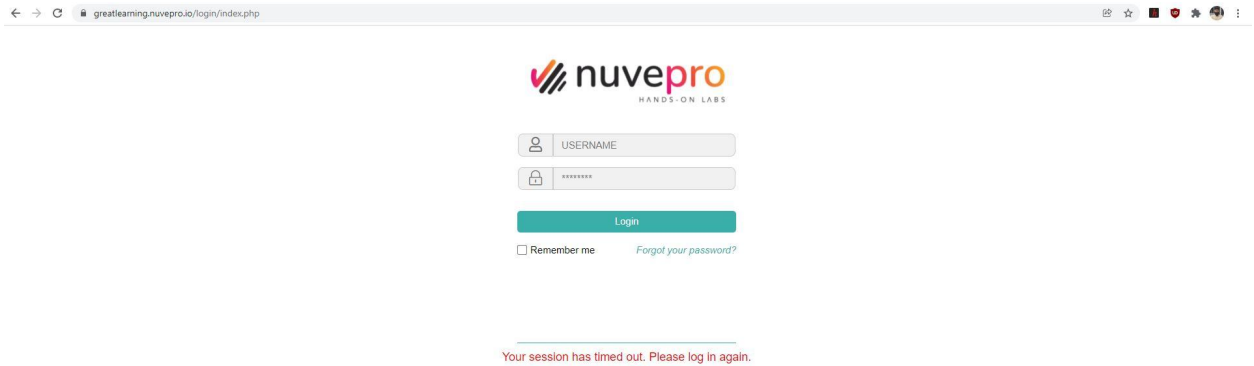
1. Use the URL provided in the email to login onto the Nuvepro-Greatlearning interface.

URL: <https://greatlearning.nuvepro.io>

2. Follow the link as given on the Olympus portal which should take you to a screen similar to the one given below:

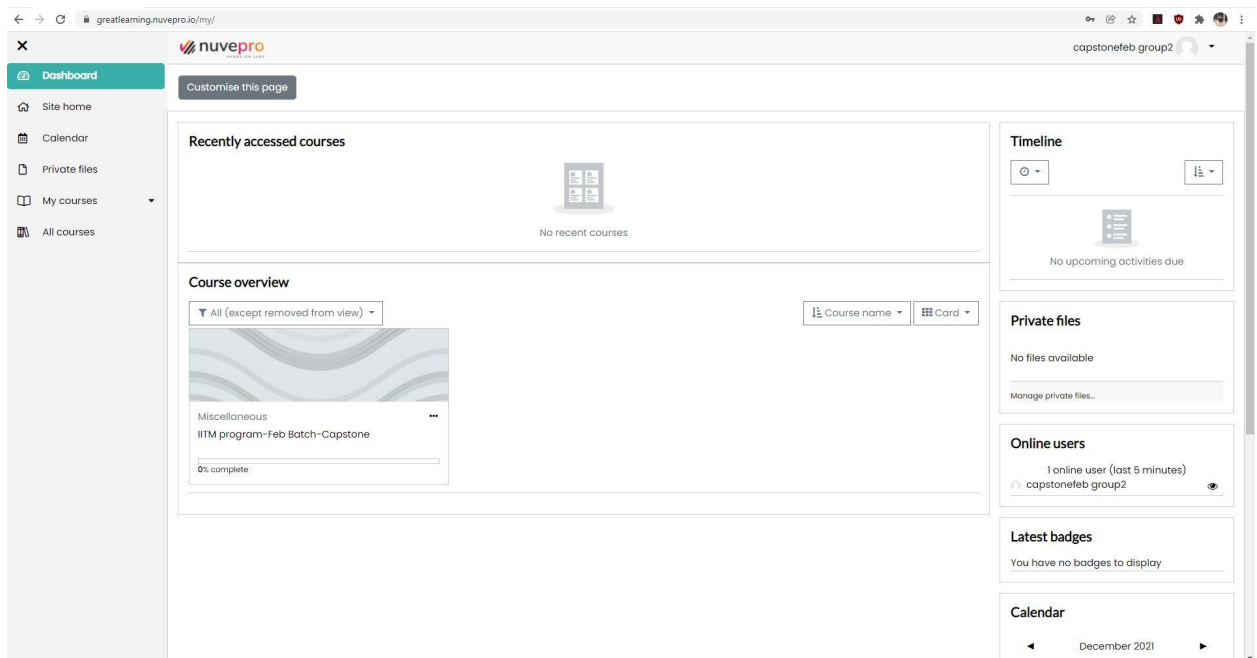


3. Click on the login button available at the top right corner. This should take you to a page similar to below:



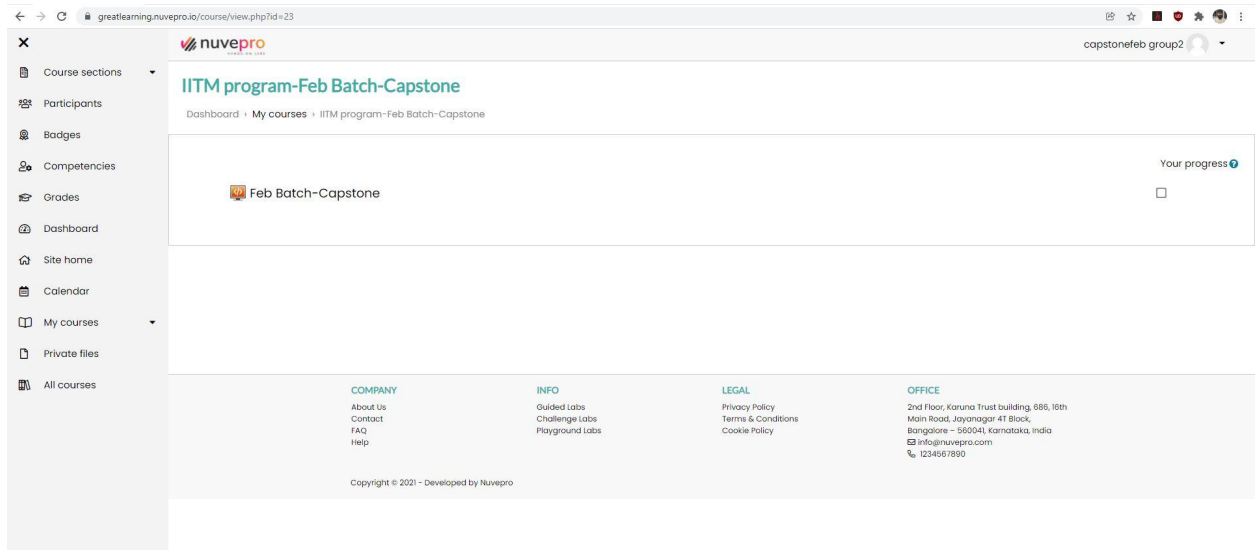
The image shows the login page for the Nuvepro portal. At the top, there is a navigation bar with the Great Learning logo on the right and a user profile icon on the left. Below the navigation bar, the Nuvepro logo is centered. The login form consists of two input fields: 'USERNAME' and 'PASSWORD'. Below these fields is a 'Login' button. There is also a 'Remember me' checkbox and a link for 'Forgot your password?'. At the bottom of the page, a message states: 'Your session has timed out. Please log in again.'

4. Enter the credentials that you have received in order to access the portal. Once the correct username and password is entered. It will take you to the next page that will look as following:

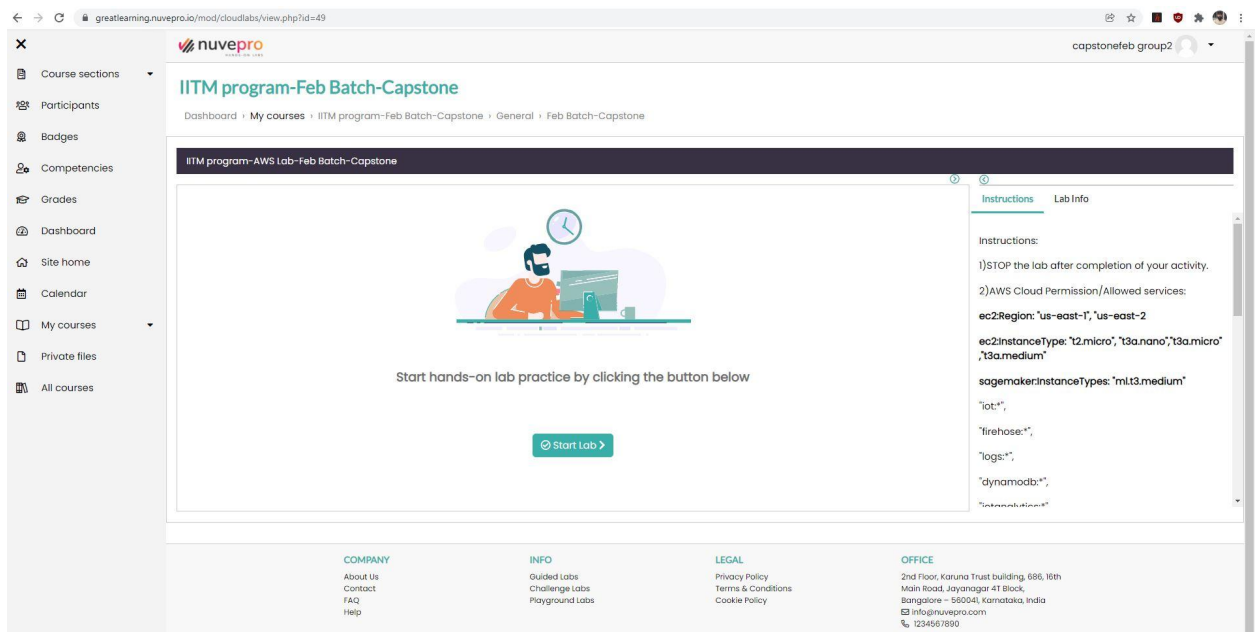


The image shows the dashboard of the Nuvepro portal. The dashboard is divided into several sections. On the left, there is a sidebar with a 'Dashboard' button and a list of links: 'Site home', 'Calendar', 'Private files', 'My courses', and 'All courses'. The main content area is titled 'Recently accessed courses' and shows 'No recent courses'. Below this is a 'Course overview' section with a dropdown menu set to 'All (except removed from view)'. It displays a course card for 'Miscellaneous' with the title 'IITM program-Feb Batch-Capstone' and a progress bar showing '0% complete'. On the right side, there are several widgets: 'Timeline' showing 'No upcoming activities due', 'Private files' showing 'No files available', 'Online users' showing '1 online user (last 5 minutes) capstonefeb group2', 'Latest badges' showing 'You have no badges to display', and 'Calendar' showing 'December 2021'.

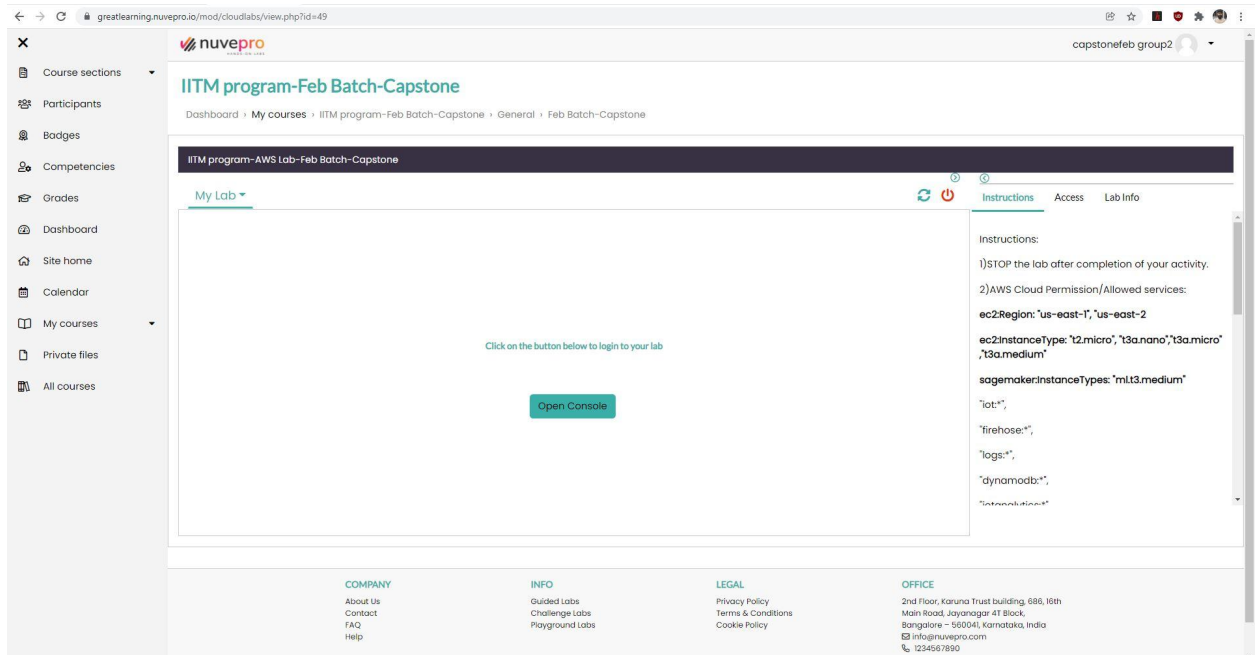
5. Click on the IITM program-feb batch-capstone. Please ignore the month part. For every batch this will keep on updating. Click on the course link that will take you to a page that will look as following:



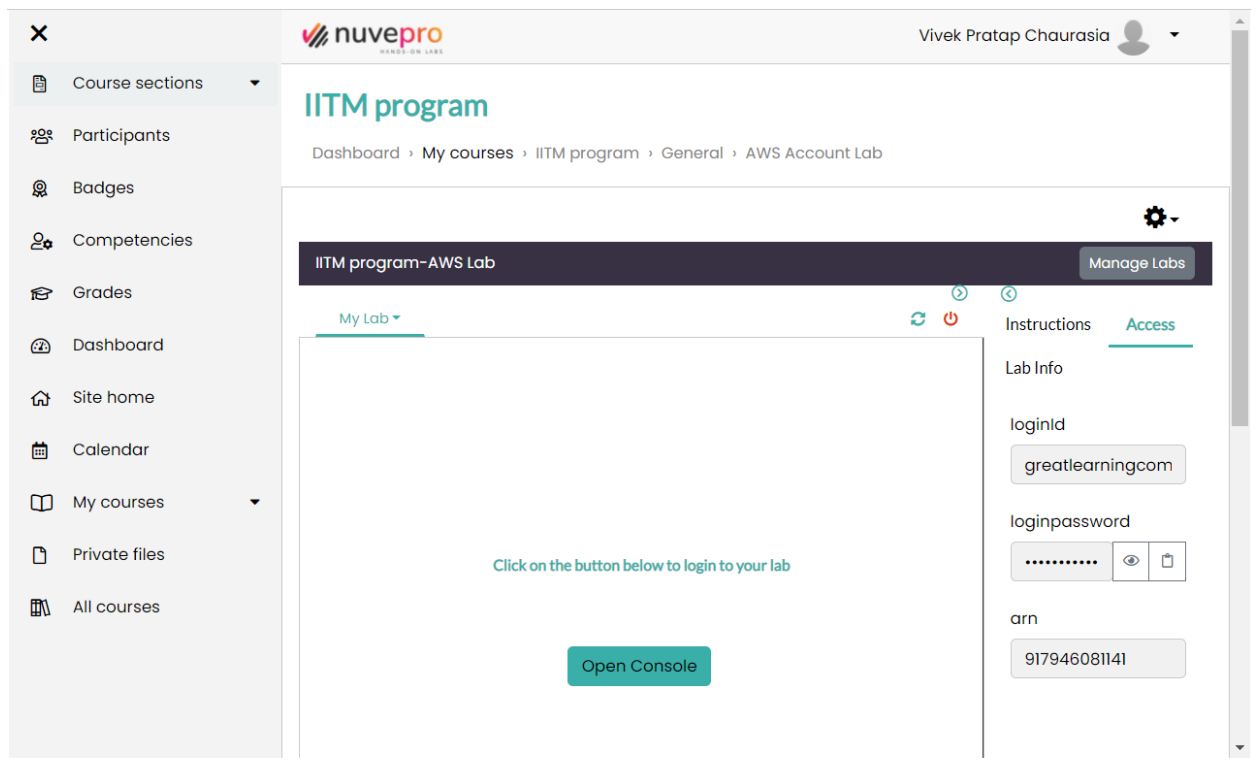
6. Click on the capstone lab button as mentioned in the above picture. After clicking, it will take you to the next page, that will look as following:



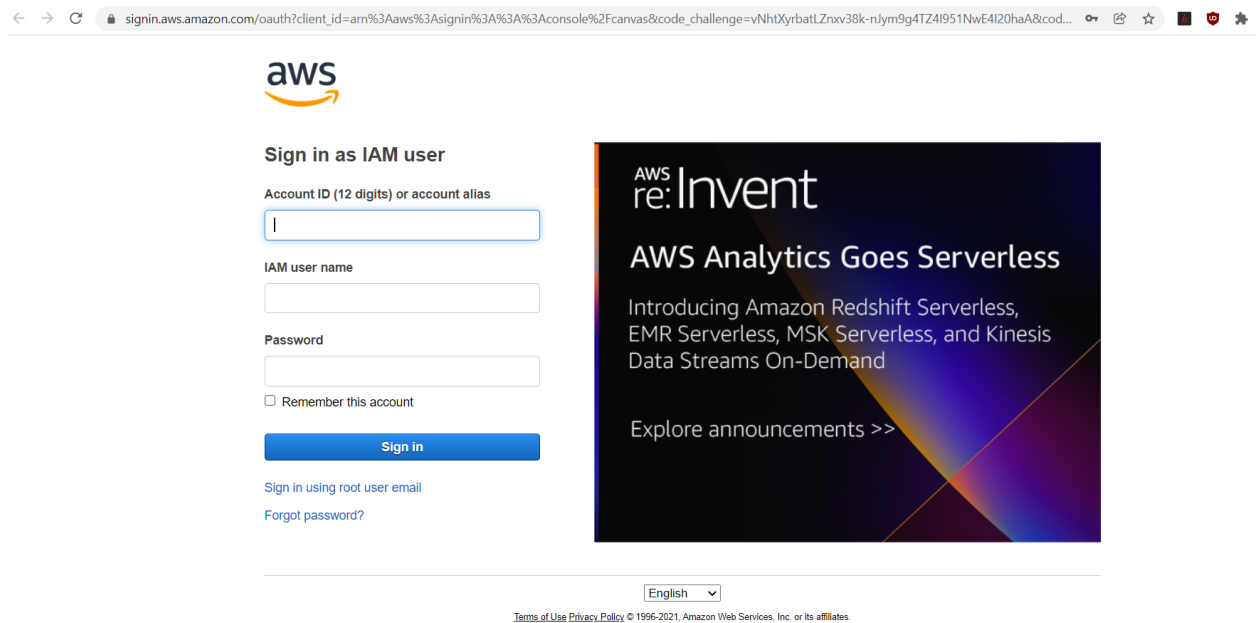
7. Click on “Start Lab” on the above mentioned screen. Also, please go through the Instructions section of the left side of the screen to learn more about involved services.
8. It will take a few minutes to start the lab after clicking on the button. Once the lab is started it will look similar to following:



9. Once you click on the Open Console button, it will open a new tab which will allow you to access the AWS console. **To access the console you need to click on Access button and it will appear similar to below:**

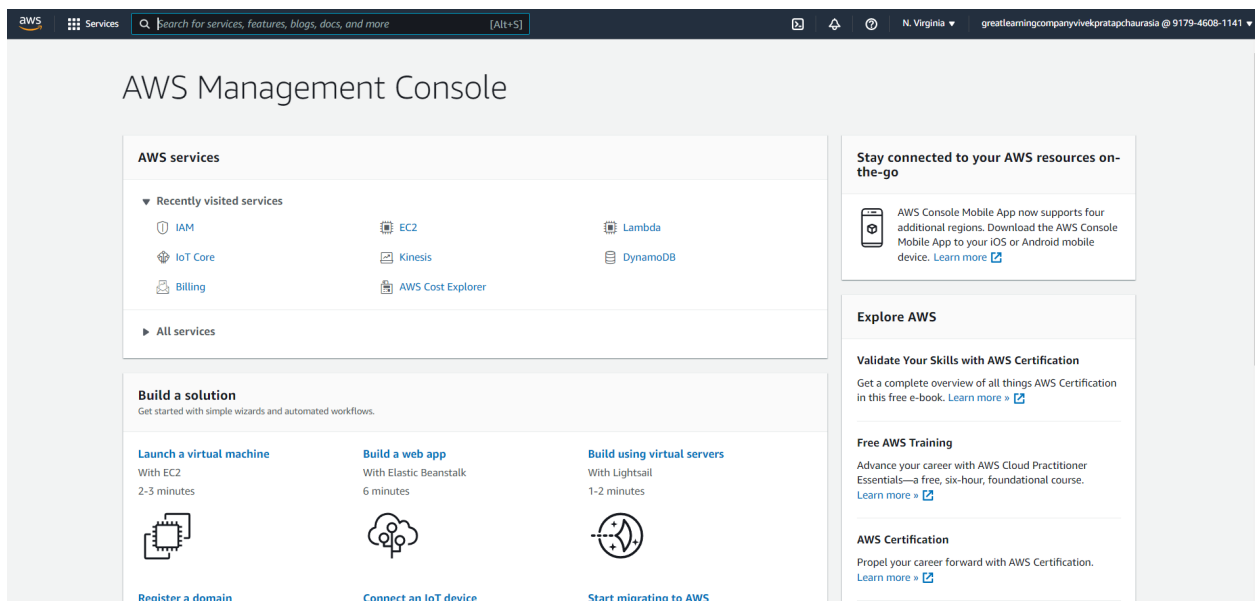


10. Clicking on the Open console will open the new webpage similar to below, where you are supposed to enter credentials shown on the above page.



The screenshot shows the AWS sign-in page. At the top, there's a navigation bar with the AWS logo and a search bar. Below the logo, the heading "Sign in as IAM user" is displayed. There are three input fields: "Account ID (12 digits) or account alias", "IAM user name", and "Password". A checkbox for "Remember this account" is present. A blue "Sign in" button is at the bottom. To the right, there's a promotional banner for "AWS re:Invent" with the text "AWS Analytics Goes Serverless" and "Introducing Amazon Redshift Serverless, EMR Serverless, MSK Serverless, and Kinesis Data Streams On-Demand". Below the banner, there's a link "Explore announcements >>". At the bottom, there's a language selector set to "English" and a footer with "Terms of Use Privacy Policy © 1996-2021, Amazon Web Services, Inc. or its affiliates."

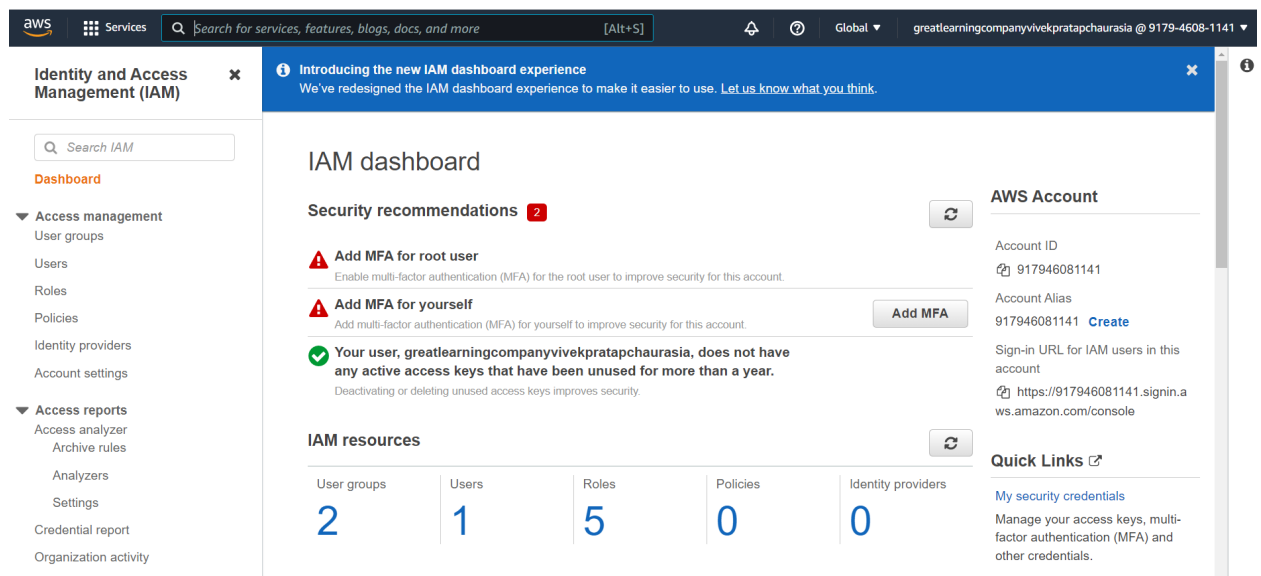
Under Account ID enter the arn mentioned on the previous page, copy the username from previous page and copy it under IAM user name and copy the password and paste it at the designated place. Once the correct credentials are added you should be able to see a page similar to below.



The screenshot shows the AWS Management Console. The top navigation bar includes the AWS logo, a search bar, and a user profile section. The main content area is titled "AWS Management Console". On the left, there's a sidebar with "AWS services" and "Recently visited services" (IAM, EC2, Lambda, IoT Core, Kinesis, DynamoDB, Billing, AWS Cost Explorer). The main area is divided into two sections: "Build a solution" and "Stay connected to your AWS resources on-the-go". The "Build a solution" section has three cards: "Launch a virtual machine" (With EC2, 2-3 minutes), "Build a web app" (With Elastic Beanstalk, 6 minutes), and "Build using virtual servers" (With Lightsail, 1-2 minutes). The "Stay connected" section has a card for the "AWS Console Mobile App". Below these, there's a "Validate Your Skills with AWS Certification" section and a "Free AWS Training" section.

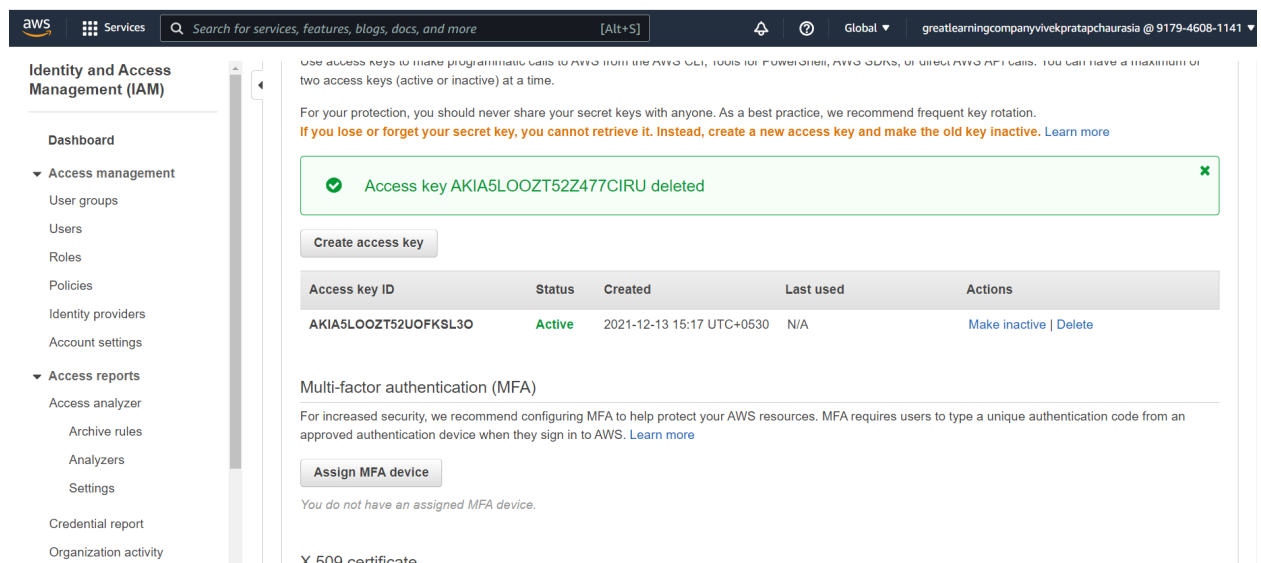
11. Now you should be able to access all the services that are mentioned in the FAQ file and instruction section of nuvepro console page on Olympos.

12. Once you have logged in, you should first secure the credentials to access and perform the SDK operations using python on different AWS services. This will help in performing programmatic operation on services for kinesis, dynamodb and other relevant services.
13. You will get the access for these services by accessing the IAM console. Enter IAM on the search bar and click on the suggested result. This should take you to the following page:



The screenshot shows the AWS IAM dashboard. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like 'Access management', 'Access reports', and 'Account settings'. The main content area displays the 'IAM dashboard' with 'Security recommendations' (Add MFA for root user, Add MFA for yourself) and 'IAM resources' (User groups: 2, Users: 1, Roles: 5, Policies: 0, Identity providers: 0). On the right, the 'AWS Account' section shows account details and a 'Quick Links' section with a link to 'My security credentials'.

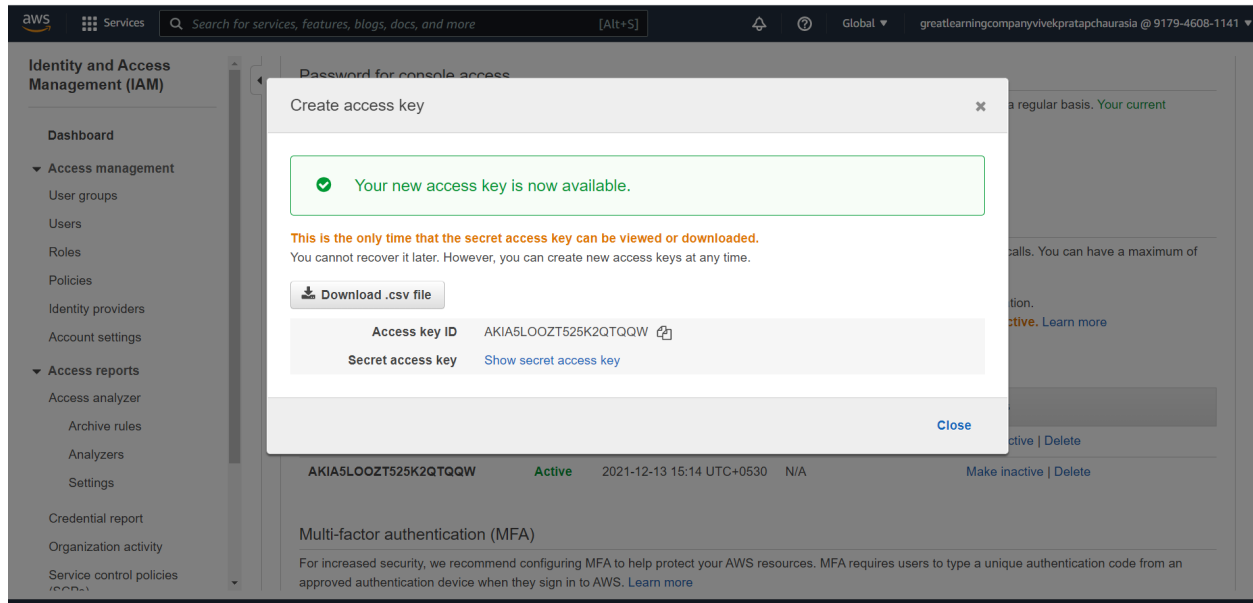
14. On the right pane; you will see *My security credentials*, click on the link which will open the following page.



The screenshot shows the 'My security credentials' page in the AWS IAM console. It displays a notification that an access key (AKIA5LOOZT52Z477CIRU) has been deleted. Below this, there is a 'Create access key' button and a table of existing access keys. The table has columns for 'Access key ID', 'Status', 'Created', 'Last used', and 'Actions'. One access key is listed with ID 'AKIA5LOOZT52UOFKSL3O', status 'Active', and creation date '2021-12-13 15:17 UTC+0530'. Below the table, there is a section for 'Multi-factor authentication (MFA)' with an 'Assign MFA device' button and a note that no MFA device is currently assigned.

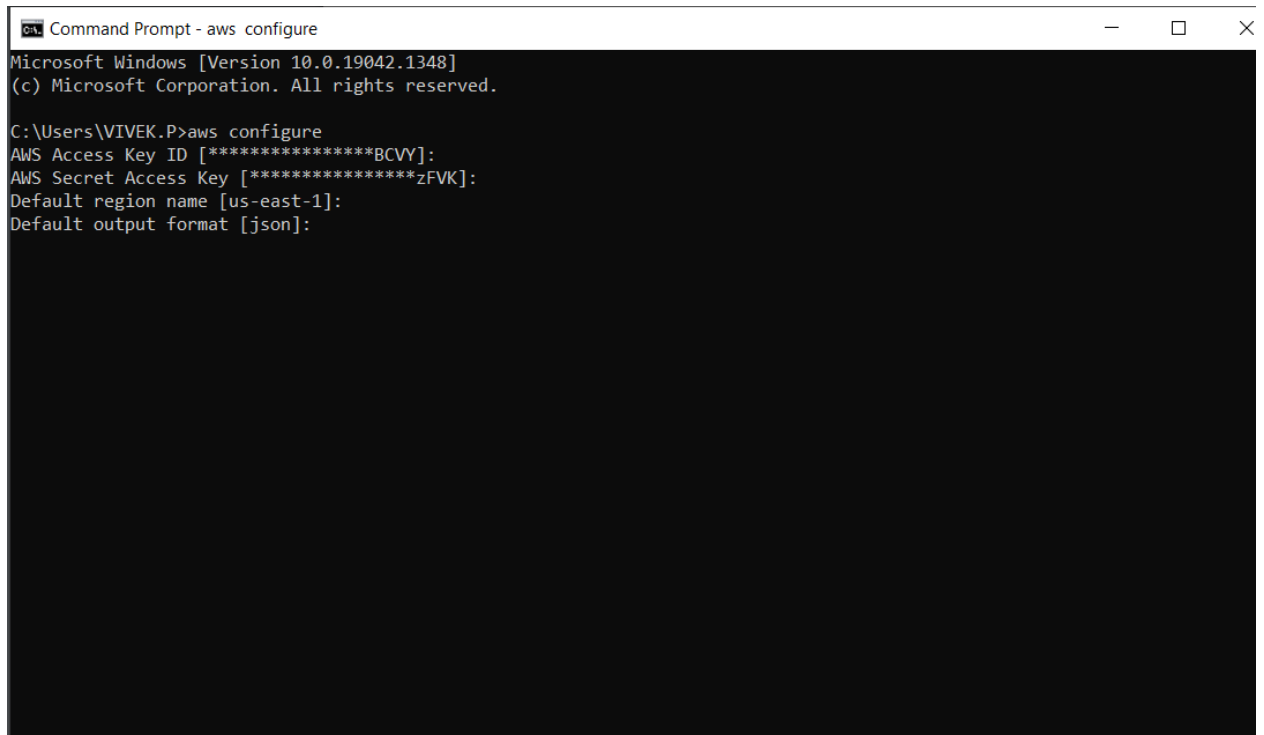
Access key ID	Status	Created	Last used	Actions
AKIA5LOOZT52UOFKSL3O	Active	2021-12-13 15:17 UTC+0530	N/A	Make inactive   Delete

15. Click on Create access key and it will create a new access key similar to the following image and download the csv file. This will ensure that you have access key and secret key to perform SDK operation.



## Follow the instructions below to configure the CLI access for your

16. Install the AWS CLI for your operating system using the link given below  
<https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2.html>
17. Run the command `aws configure` in your computer's terminal and enter the fields as shown in the image below



```
Command Prompt - aws configure
Microsoft Windows [Version 10.0.19042.1348]
(c) Microsoft Corporation. All rights reserved.

C:\Users\VIVEK.P>aws configure
AWS Access Key ID [*****BCVY]:
AWS Secret Access Key [*****zFVK]:
Default region name [us-east-1]:
Default output format [json]:
```

18. We have already retrieved the CLI credentials for the AWS account as shown in the images above.
19. Enter the retrieved credentials on the above console. Please find the details for different OS' below:
  - a. Linux : `.aws/credentials`
  - b. macOS: `/Users//.aws/credentials`
  - c. Windows : `C:\Users\\.aws.credentials` .
20. Please note that the credentials file will have to be created if it does not exist within the `.aws` folder. To create it run `aws configure` on your terminal.