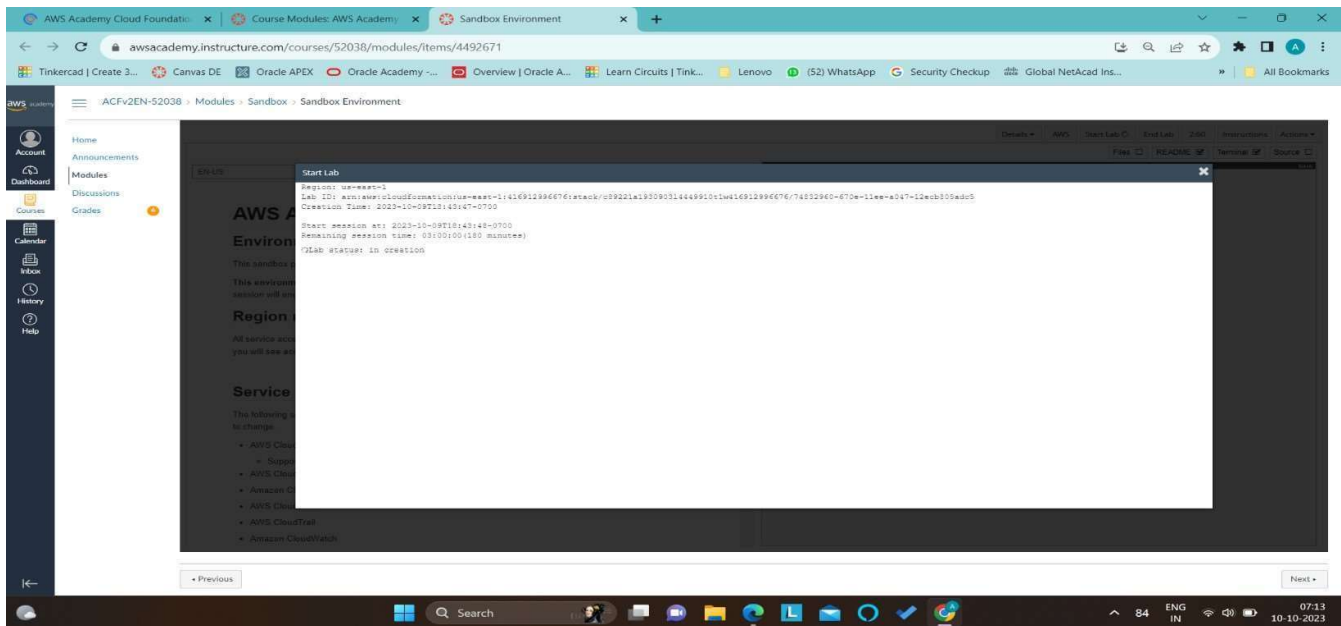
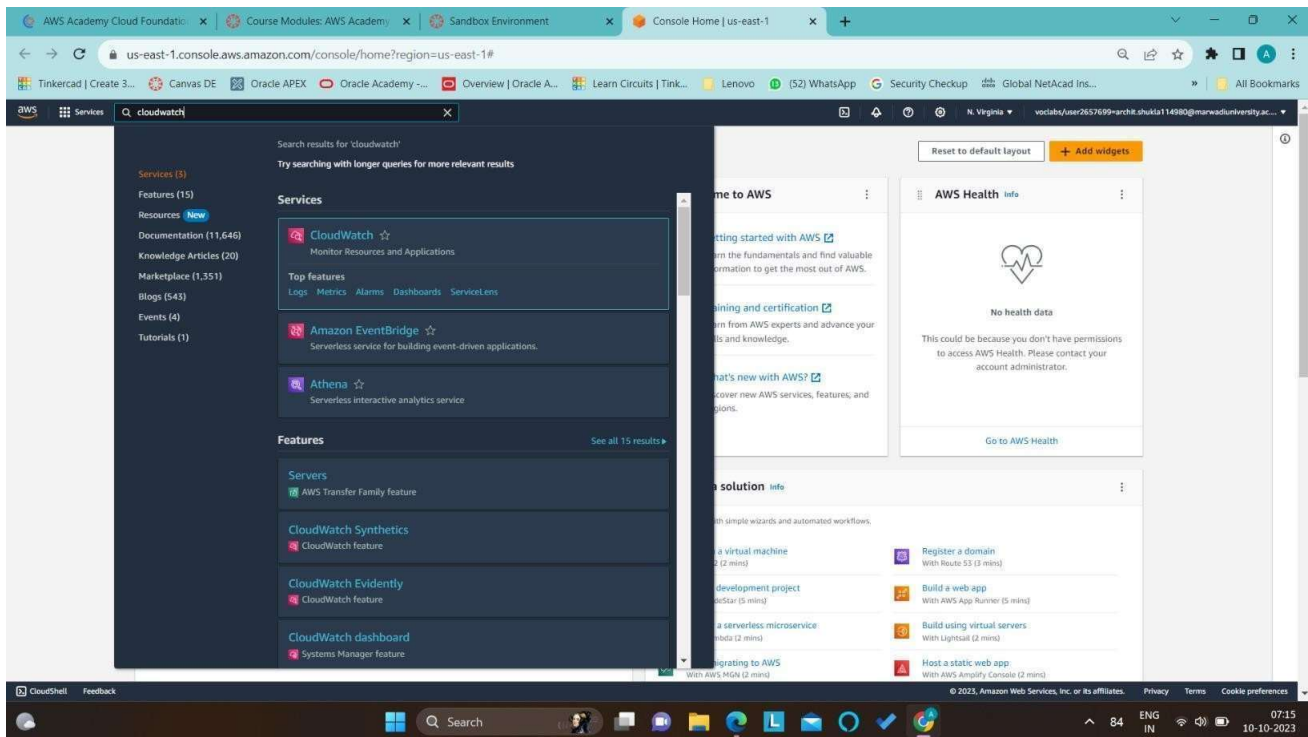


Practical 14: Cloud monitoring and management tools -> AWS CloudWatch

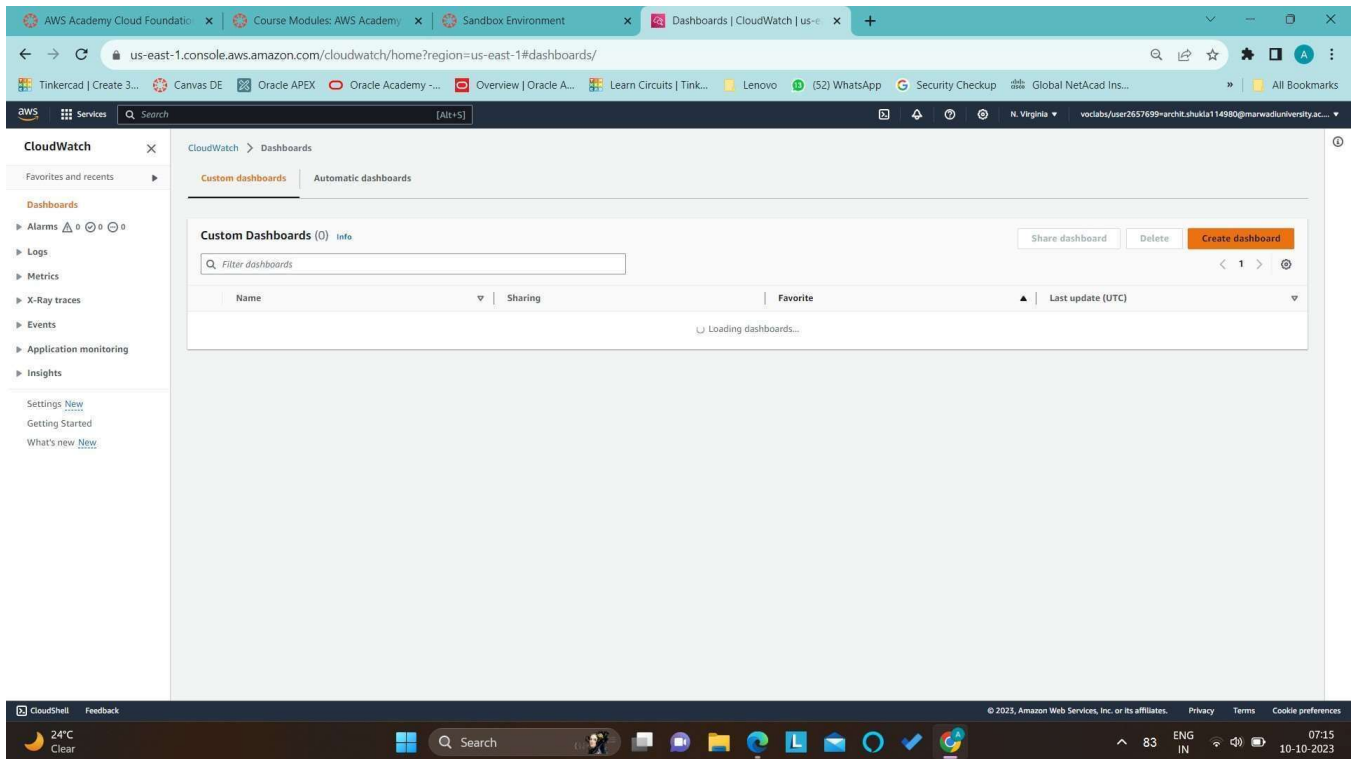
Step 1: Click on start lab.



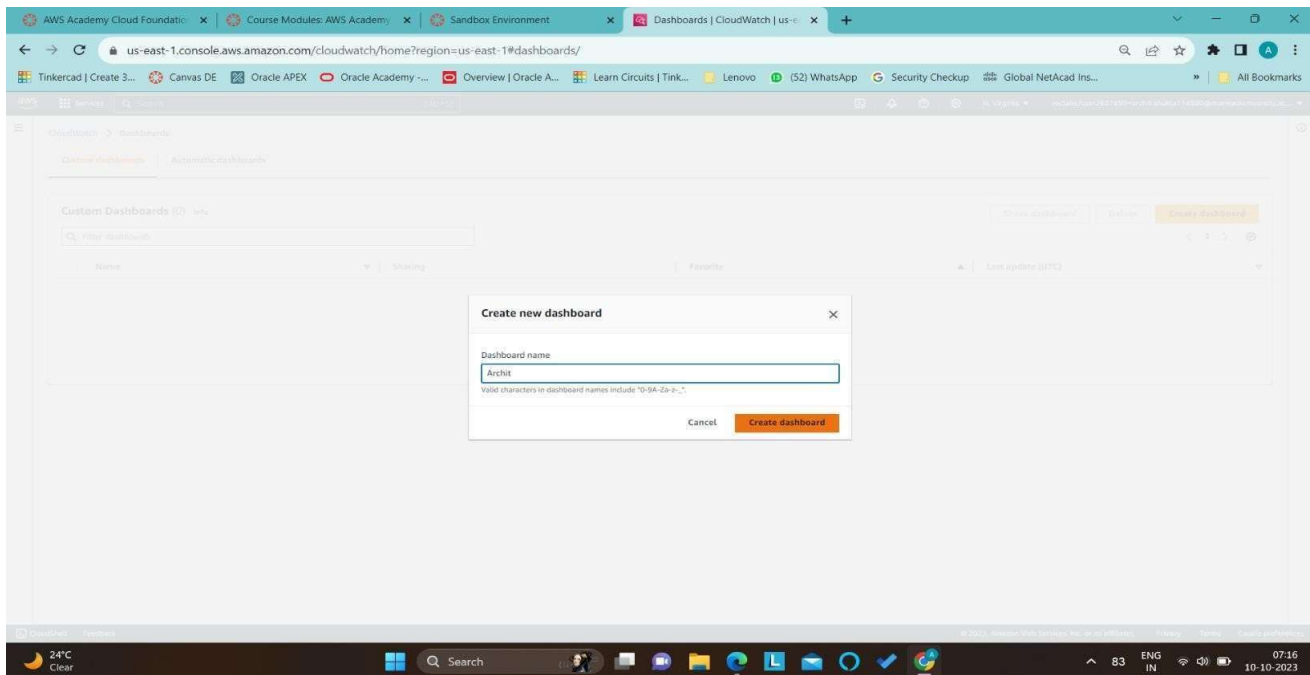
Step 2: Click on services and in that click on CloudWatch.



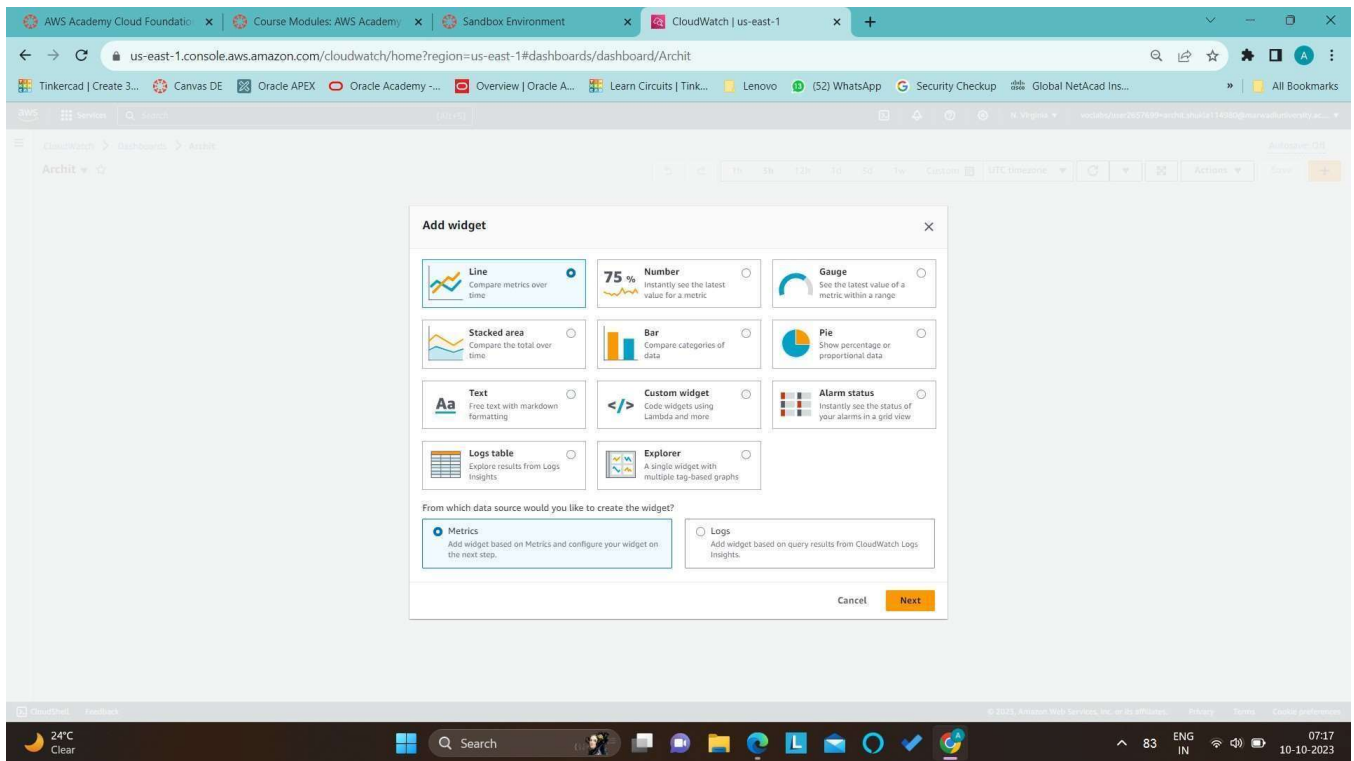
Step 3: Click on Cloudwatch dashboards and click on create dashboard.



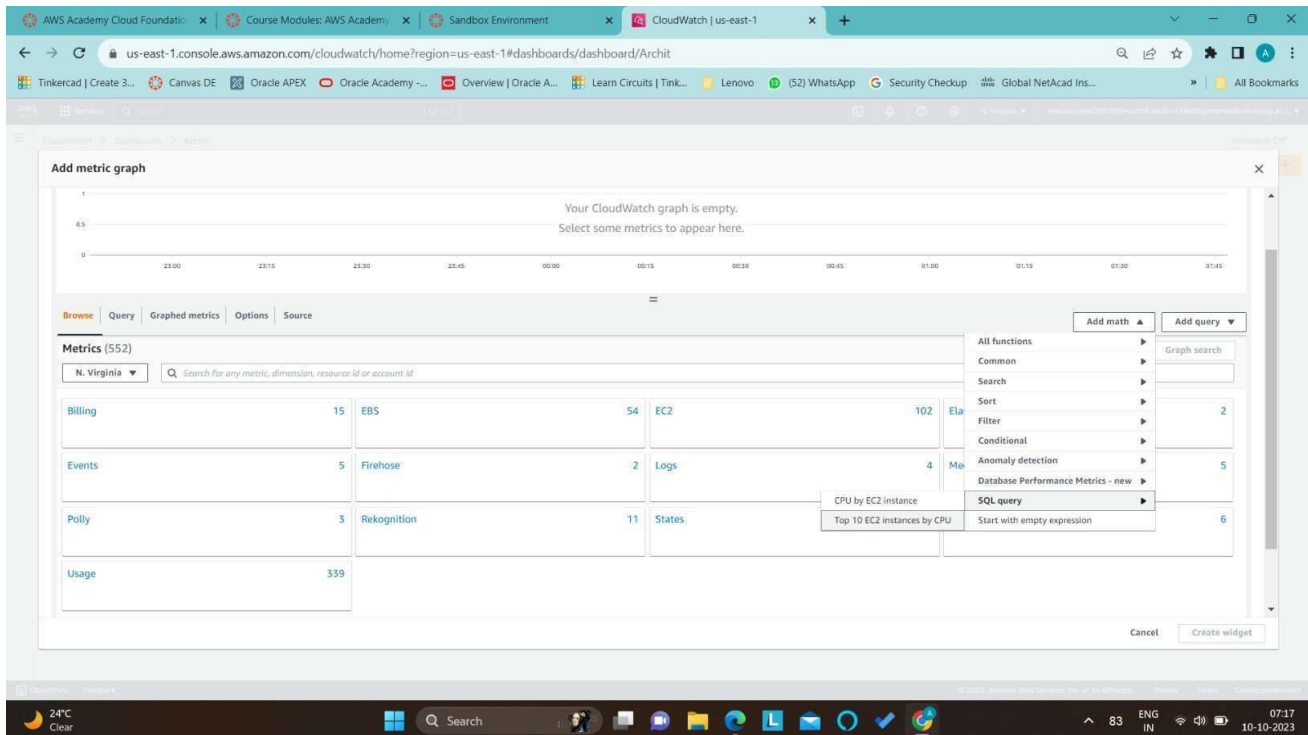
Step 4: Now, Create new dashboard and give name to Archit, and click on create dashboard.



Step 5: Now, click on Line and add widget and click next.



Step 6: Now click on add math and select SQL query and select Top 10 EC2 instances by CPU.



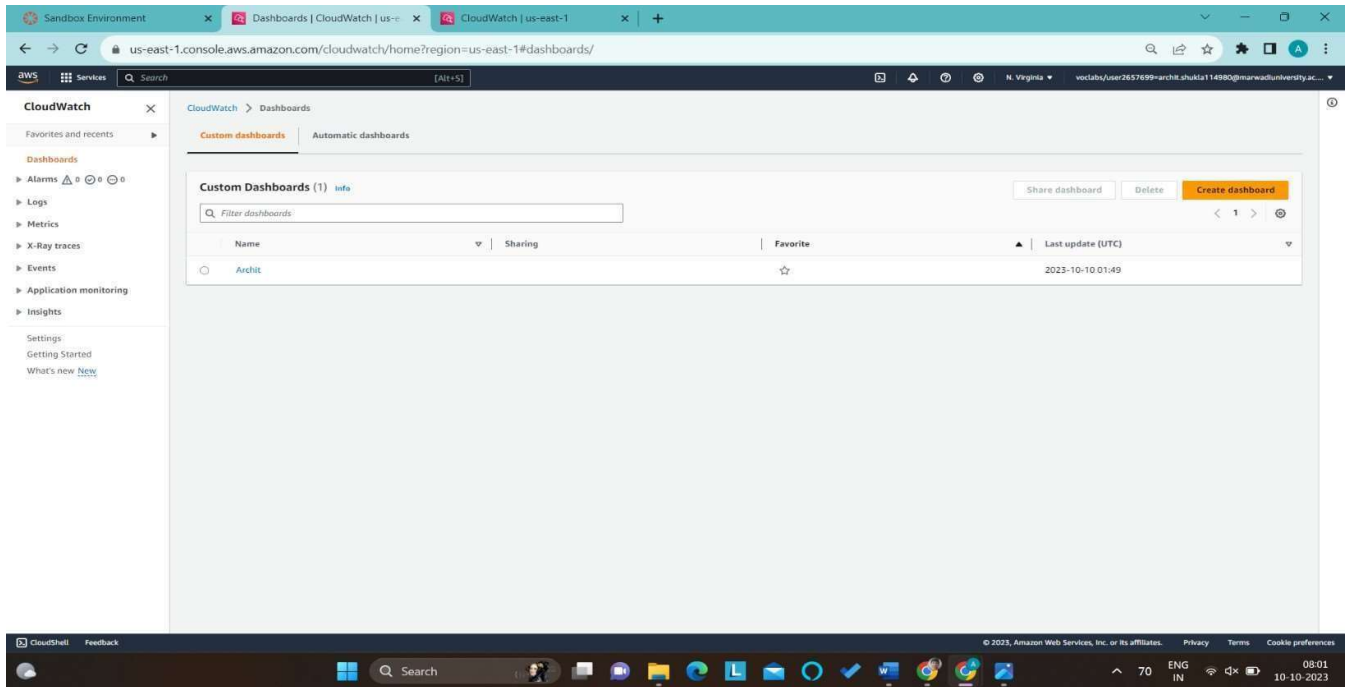
Step 7: Now click on Add query and select EC2 and select Top 10 instances by highest CPU utilization.

The screenshot shows the AWS CloudWatch console with the 'Add metric graph' dialog open. The 'Add query' dropdown is expanded, showing a list of metrics. The 'EC2' category is selected, and the 'Top 10 instances by highest CPU utilization' metric is chosen. The dialog also displays a table with columns for ID, Label, Details, Statistic, Period, Y axis, and Actions. The 'Create widget' button is visible at the bottom right.

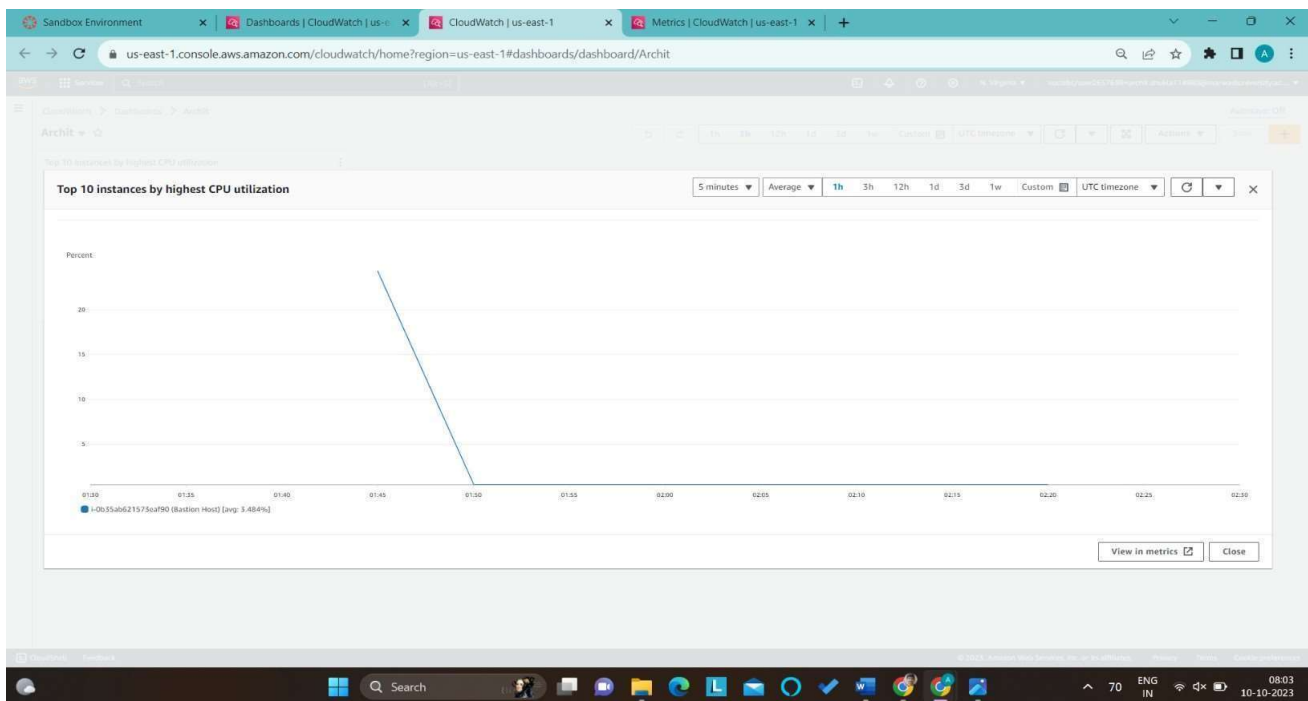
Step 8: Now in Graphed metrics click on create widget.

The screenshot shows the AWS CloudWatch console with the 'Add metric graph' dialog open. The 'Graphed metrics (1)' tab is selected. The dialog shows a table with columns for ID, Label, Details, Statistic, Period, Y axis, and Actions. The 'Create widget' button is visible at the bottom right.

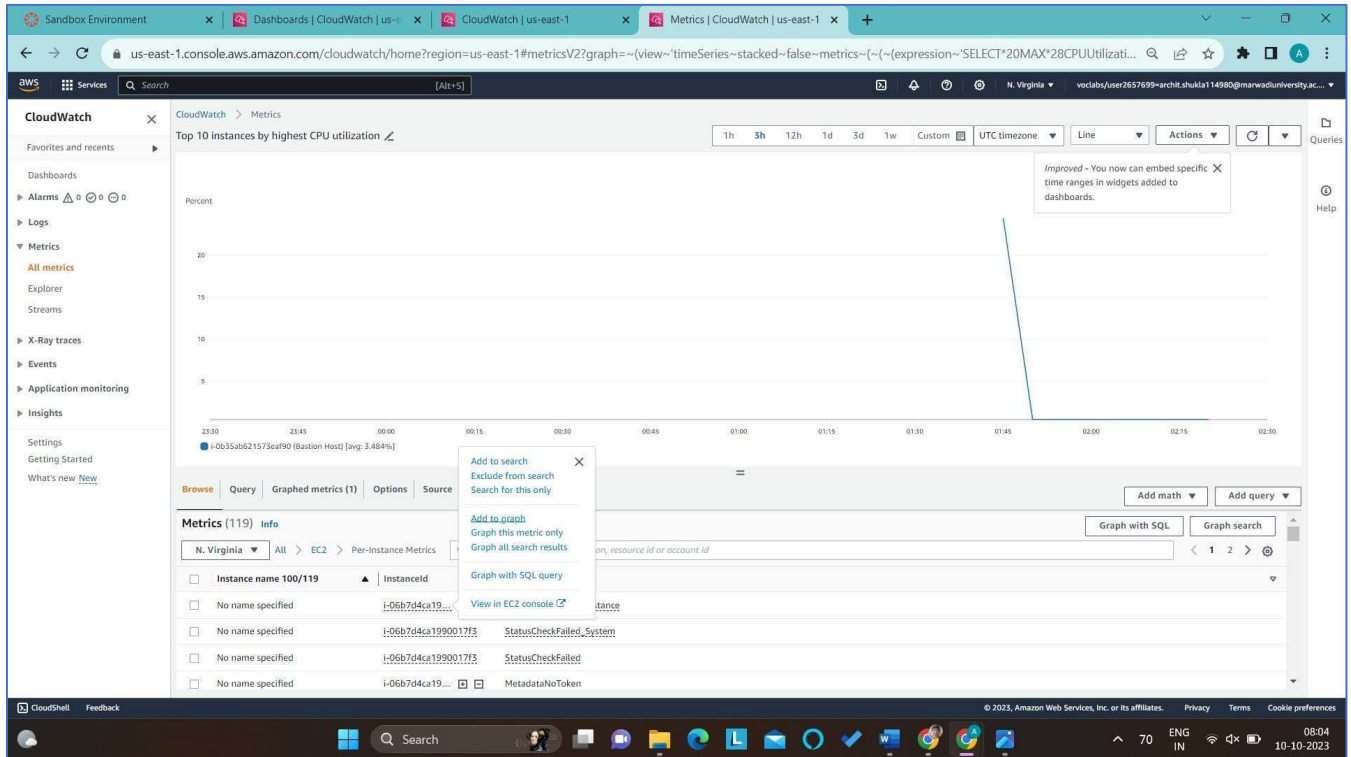
Step 9: Now click on Archit, the dashboard that we have created.



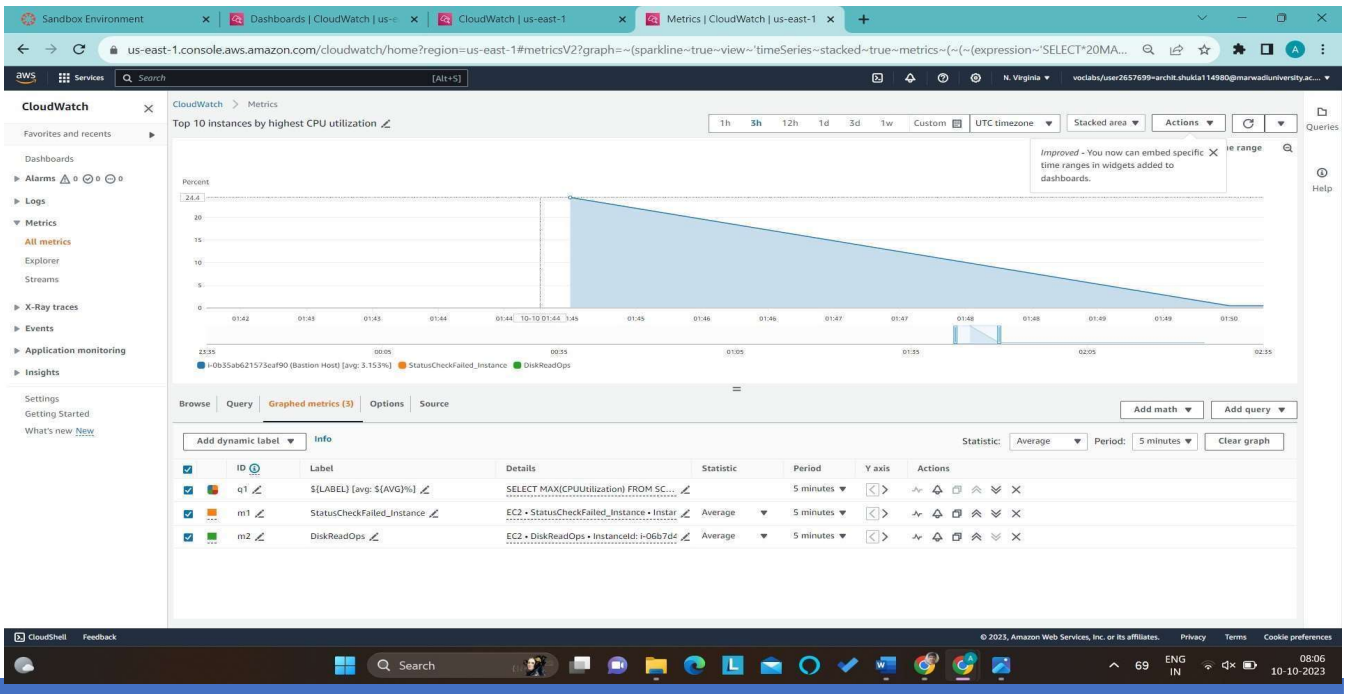
Step 10: Now we can see this utilization of the CPU, then click on view in metrics



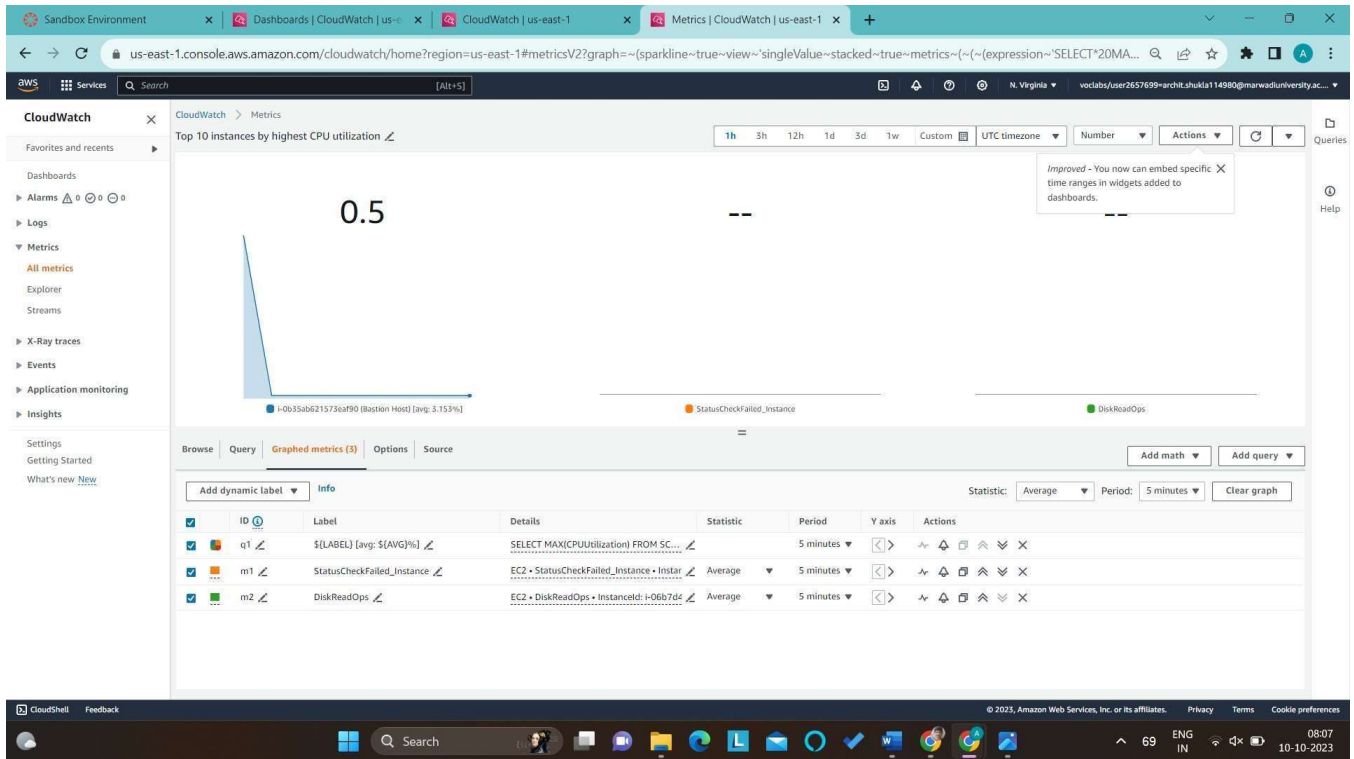
Step 11: Now click on the instance what we need to monitor.



Step 12: Now we can see the CPU utilization of that instance.



Step 13: Click on Number and we can see the CPU utilization of that instance in number format and click on Graphed metrics.



Step 14: Click on create widget & Save the instance. Now we can monitor our resources for the selected instance.

