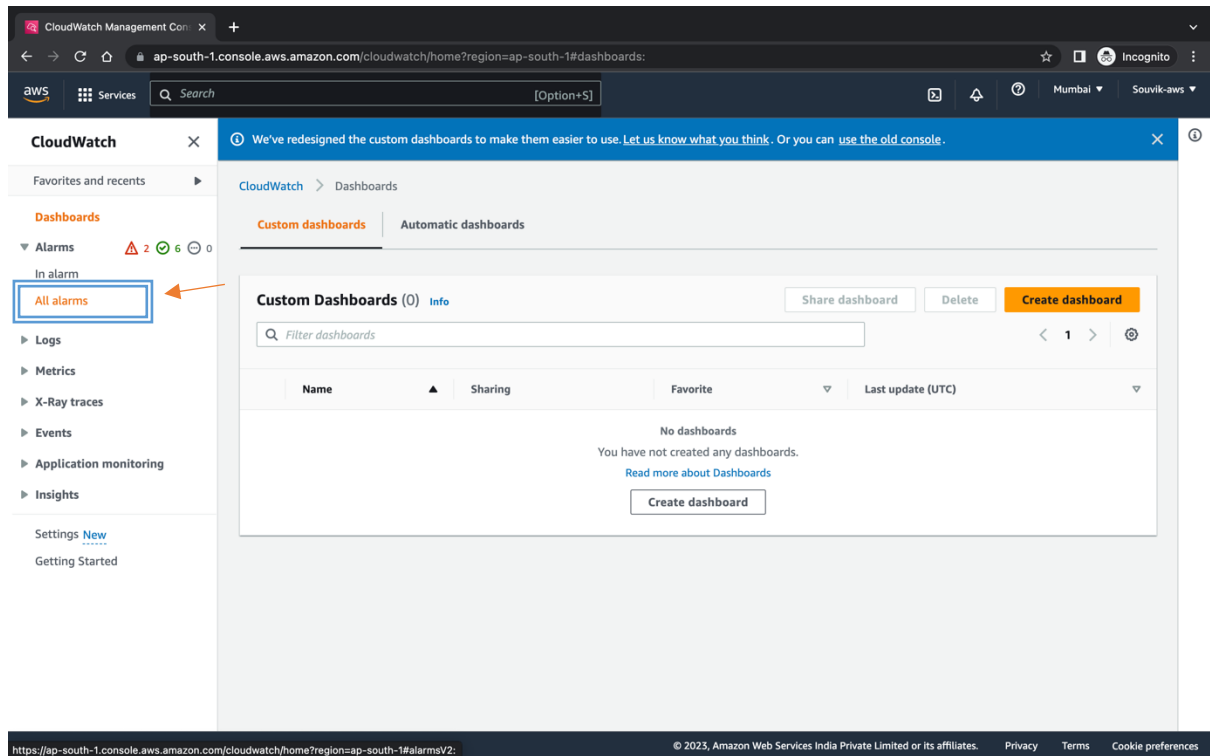
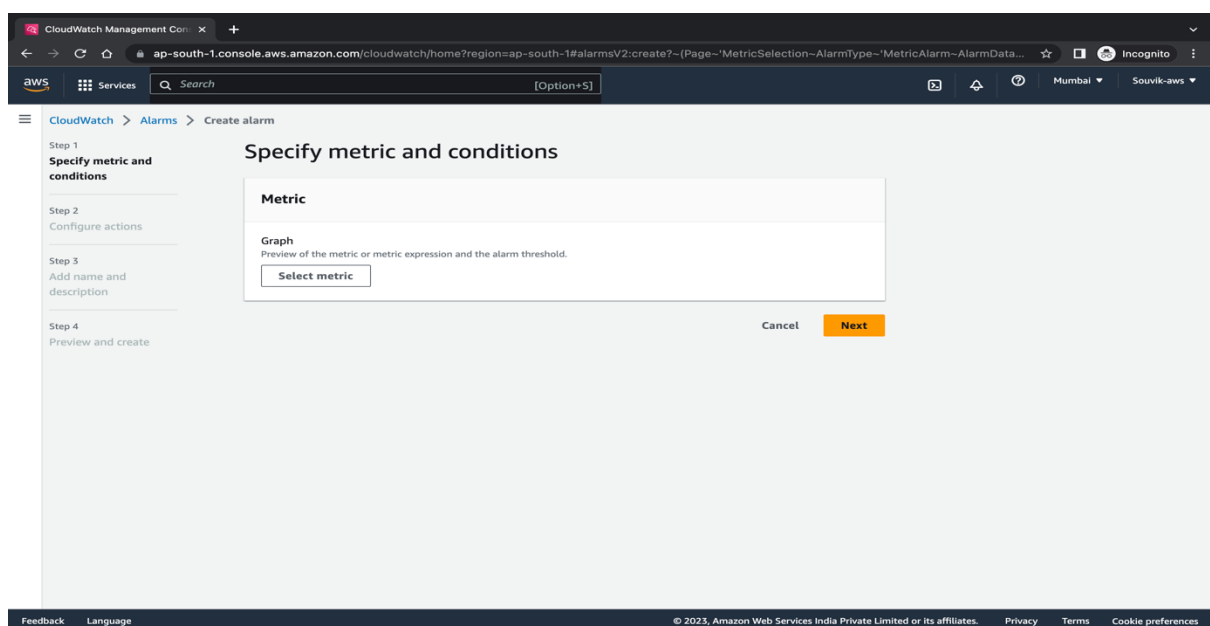


## Using cloudwatch alarm to monitor lambda errors

Go to cloudwatch dashboard → select “all alarms” from the navigation bar.



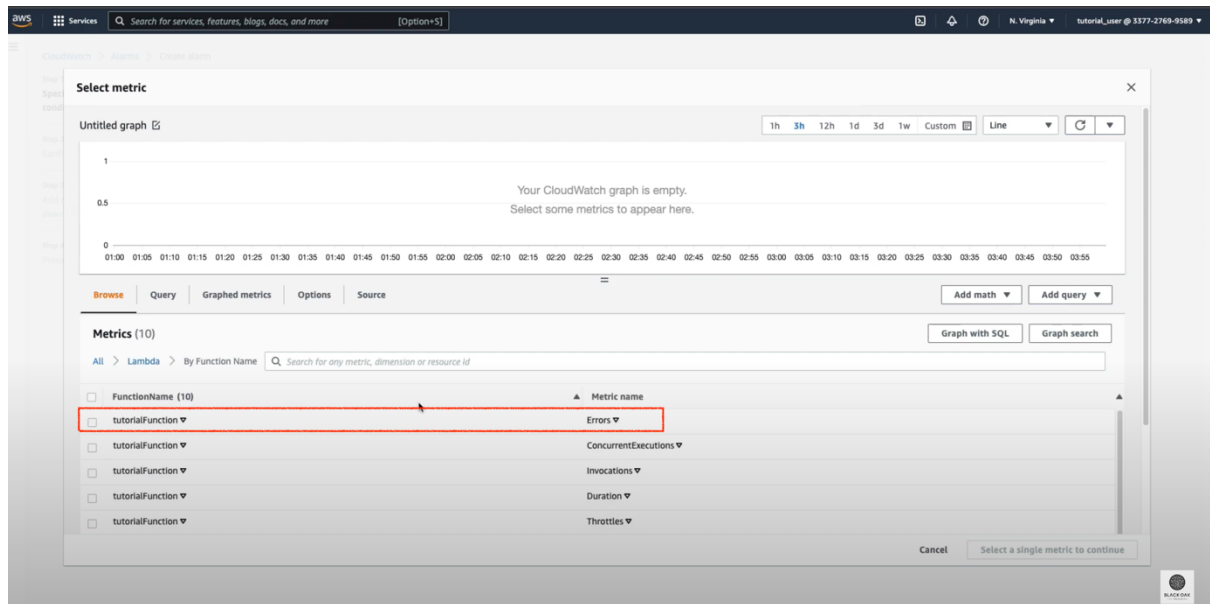
Create a new alarm → click on “select matrix”



Inside the matrix section select “Lambda” → select “by function”

Then select the lambda function with errors →  
click “select matrix”

Note: (check the lambda name )



Change the default matrix config to →

Metric name: Errors

Function name: (lambda function name)

Statistic: sum

Period: as you want recommended(1 minute)

CloudWatch > Alarms > Create alarm

Step 1: Specify metric and conditions

Step 2: Configure actions

Step 3: Add name and description

Step 4: Preview and create

### Specify metric and conditions

**Metric** Edit

Graph  
This alarm will trigger when the blue line goes above the red line for 1 datapoints within 1 minute.

Count

1

0.8

0.6

0.4

0.2

0

01:00 02:00 03:00

Errors

Namespace  
AWS/Lambda

Metric name  
Errors

FunctionName  
tutorialFunction123

Statistic  
Sum

Period  
1 minute

**Conditions**

Threshold type

☒ Static  
Use a value as a threshold

☐ Anomaly detection  
Use a band as a threshold

Whenever Errors is...

Define the alarm condition.

Make the default conditions to →

Threshold type: static

Whenever errors is : greater

Threshold value :0

Then click next

CloudWatch > Alarms > Create alarm

Step 1: Specify metric and conditions

Step 2: Configure actions

Step 3: Add name and description

Step 4: Preview and create

### Specify metric and conditions

**Metric** Edit

Graph  
This alarm will trigger when the blue line goes above the red line for 1 datapoints within 1 minute.

Count

1

0.8

0.6

0.4

0.2

0

01:00 02:00 03:00

Errors

Namespace  
AWS/Lambda

Metric name  
Errors

FunctionName  
tutorialFunction123

Statistic  
Sum

Period  
1 minute

**Conditions**

Threshold type

☒ Static  
Use a value as a threshold

☐ Anomaly detection  
Use a band as a threshold

Whenever Errors is...

Define the alarm condition.

☒ Greater  
> threshold

☐ Greater/Equal  
≥ threshold

☐ Lower/Equal  
≤ threshold

☐ Lower  
< threshold

than...

Define the threshold value.

0

Must be a number

**Additional configuration**

Datapoints to alarm

Define the number of datapoints within the evaluation period that must be breaching to cause the alarm to go to ALARM state.

1 out of 1

Missing data treatment

How to treat missing data when evaluating the alarm.

Treat missing data as missing

Cancel Next

Alarm stage trigger: In alarm.  
Select an sns topic: create new topic.  
Email: your email address where you can monitor.  
Click create topic .

The screenshot shows the 'Configure actions' step in the AWS CloudWatch console. On the left, a sidebar lists 'Step 3: Add name and description' and 'Step 4: Preview and create'. The main area is titled 'Alarm state trigger' and 'Define the alarm state that will trigger this action.' It features three radio button options: 'In alarm' (selected), 'OK', and 'Insufficient data'. Below this, the 'Select an SNS topic' section offers 'Select an existing SNS topic', 'Create new topic' (selected), and 'Use topic ARN'. The 'Create a new topic...' section includes a text input for the topic name, which is 'Default\_CloudWatch\_Alarms\_Topic', and a note about SNS topic naming rules. The 'Email endpoints that will receive the notification...' section has a text input with the email 'youtube@blackoaktechnologies.com' and a note about adding comma-separated email addresses. At the bottom of this section are 'Create topic' and 'Add notification' buttons. Below the email section are sections for 'Auto Scaling action' and 'EC2 action', each with an 'Add' button.

Click next.  
Write the alarm name → next

The screenshot shows the 'Add name and description' step in the AWS CloudWatch console. The left sidebar shows 'Step 1: Specify metric and conditions', 'Step 2: Configure actions', and 'Step 3: Add name and description' (the current step). The main area is titled 'Add name and description' and contains a 'Name and description' section. This section has an 'Alarm name' text input with the value 'LambdaTestAlarm' and an 'Alarm description - optional' text area. Below the description area is a character count: 'Up to 1024 characters (0/1024)'. At the bottom right of the form are 'Cancel', 'Previous', and 'Next' buttons.

Check all the configs and click “create alarm”.

Note:

If you are getting this notification→



Check your mail once for the subscription.