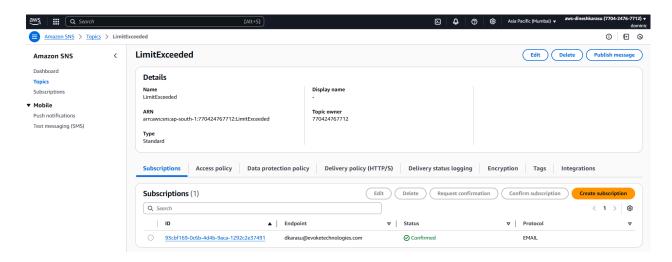
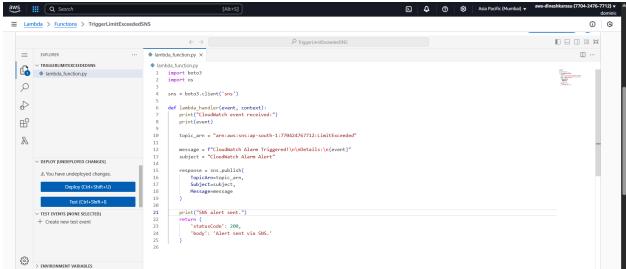
Use case

Send alerts using SNS and set up CloudWatch alarms with Python

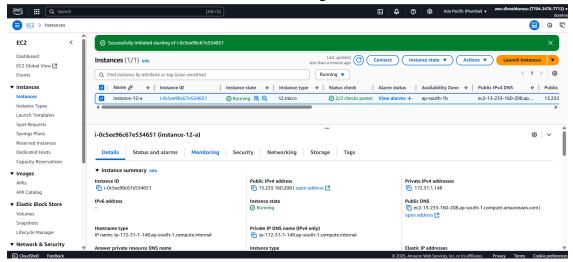
1. Create SNS topic, add your email to the subscription and confirm subscription from the email



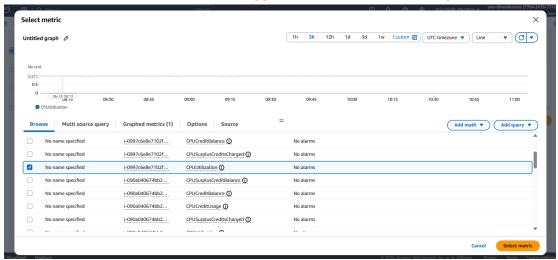
2. Create Lambda function to publish SNS



3. Create an EC2 instance to create CPU usage alerts on CLoudwatch



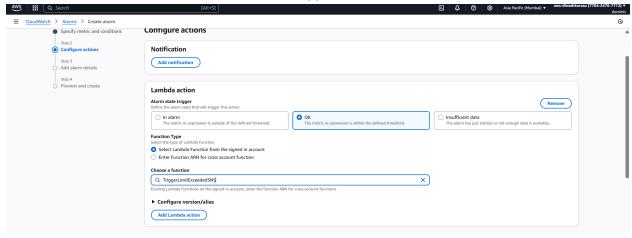
4. Create a cloud watch alert to trigger LAmbda when the state goes to OK

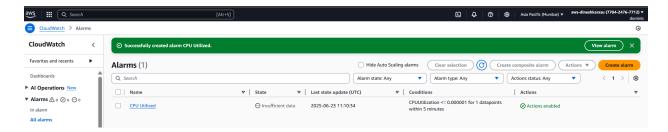


5. The Alert moves to OK state when specified threshold meets

aws, III Q Search	[Alt+S]		D D	③ ⊗ Asia Pacific (Mumbai) ▼ aws-dineshkarasu (7704-2476	6-7712) • domini
					0
			Metric name		
			CPUUtilization		
	7.44		InstanceId		
			i-0c5ee96c67e534651		
	2.73 OB30 O9:00 O9:30 10:00 10:30 11:00		Instance name instance-12-a		
	 CPUUtilization 		Statistic		
			Q Average	×	
			Period 5 minutes	•	
	Conditions				
	Threshold type				
	Static Use a value as a threshold		Anomaly detection Use a band as a threshold		
	Whenever CPUUtilization is Define the alarm condition.				
	Greater > threshold	Greater/Equal >= threshold	Lower/Equal <= threshold	Chower < threshold	
	than Define the threshold value.				
	0.000001				
	Must be a number				

6. Select Lambda action as alarm state trigger





When the state changes to OK, the Lambda Alert will invoke lambda and Lambda will publish SNS email

