

Name: Tushar Panchal

En.No: 21162101014

Sub: CCE(Cloud Computing Essentials)

Branch: CBA

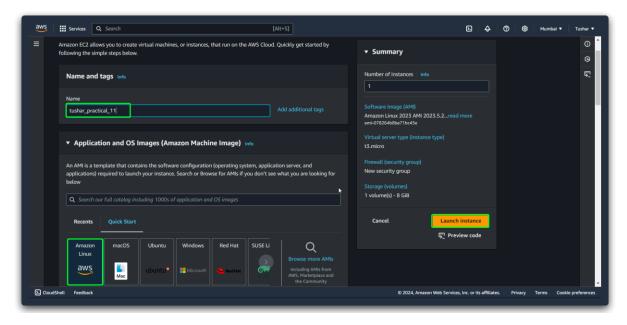
Batch:61

-----PRACTICAL 11------

Create a Custom CloudWatch Dashboard for EC2 Instance and monitor different metrics.

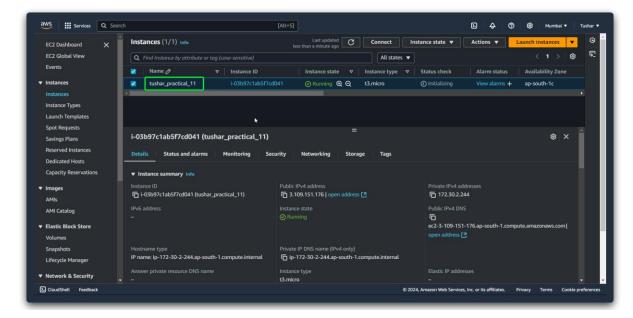
Create a Zero-Spend Budget

First go to EC2 and Launch new instance

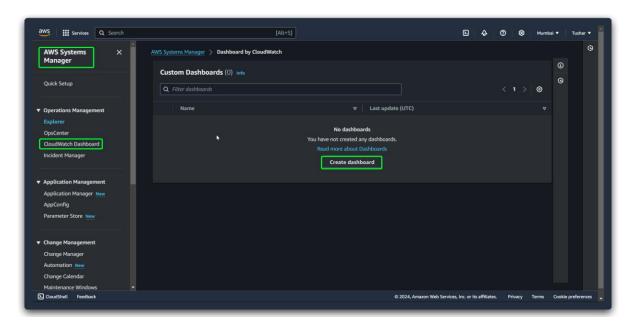


Select amazon linux in OS and name it and then hit launch instance button

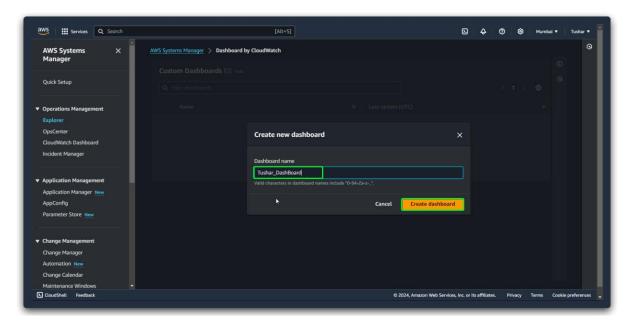
As you can see below I launched instance successfully



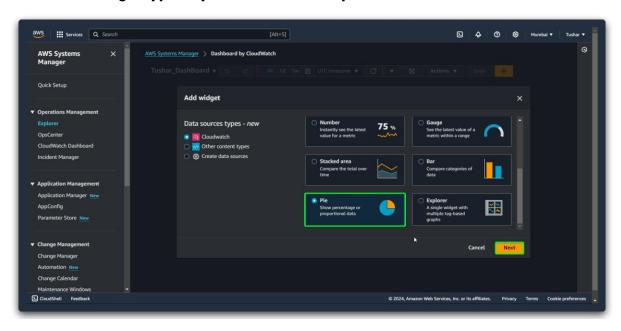
Now search for AWS systems manager and go to cloudwatch dashboard and hit create dashboard



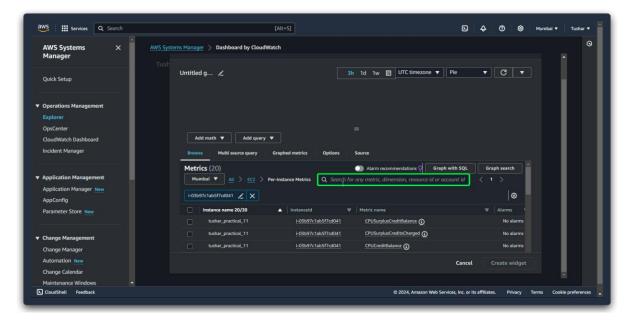
Name it and hit create dashboard button



Now select widget type as you want I selected pie and hit next

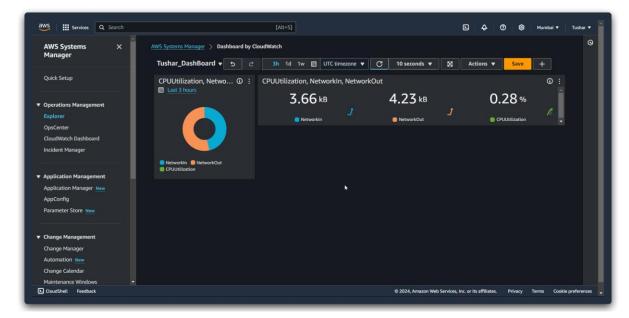


Then enter your instance id to monitor it



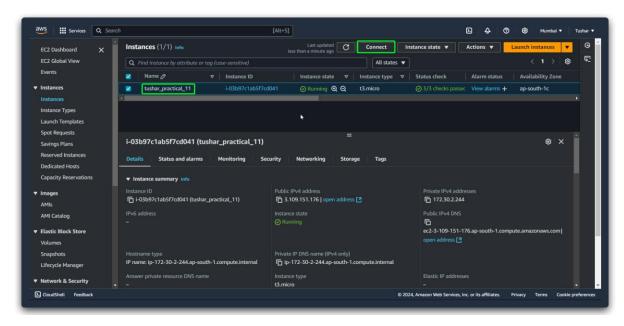
Then select Networkin, Networkout and cpuutilization to monitor



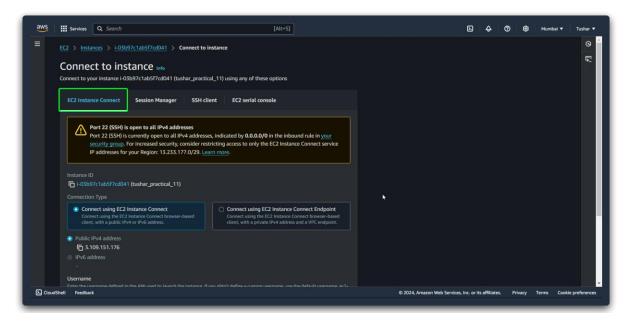


As you can see our widget created successfully above.

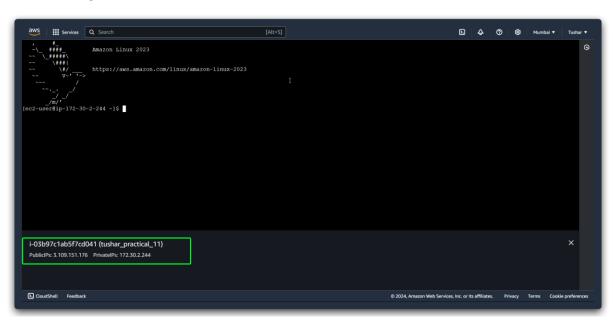
Now go to instances and select instance hit connect button



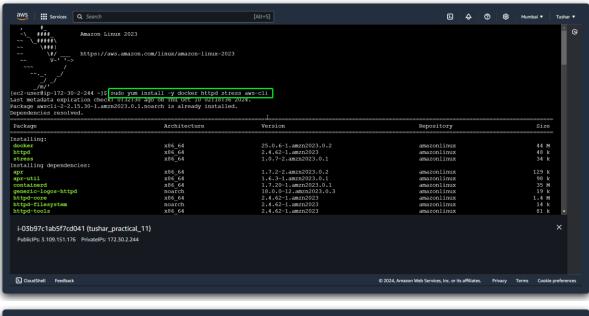
Then select EC2 instance connect and hit connect button below

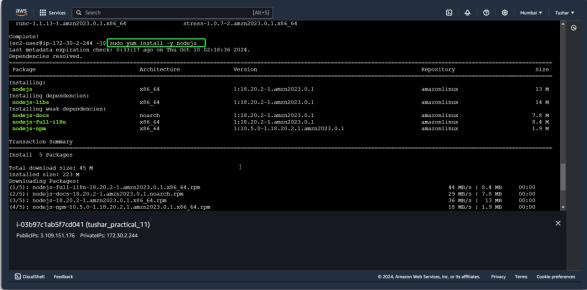


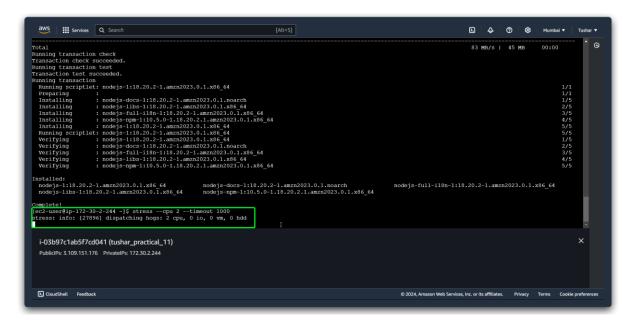
As you can see my AWS Linux CLI of my instance connected and launched successfully.



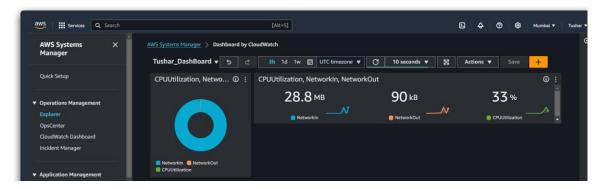
Now run this command to install any application







As you can see below we can monitor our networkin and NetworkOut and CPU Utilization after we installed some softwares in our instance using commands as above screenshots and timeout cpu..etc.

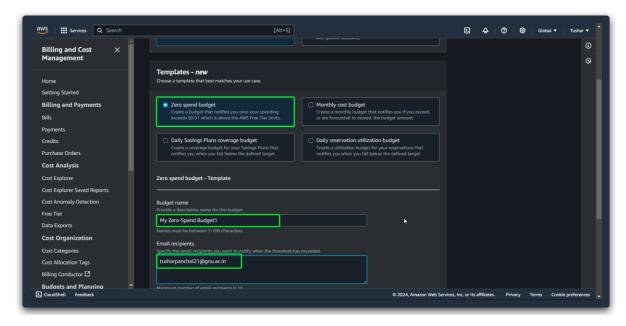


Now create zero-spend budget as in this practical asked to do it

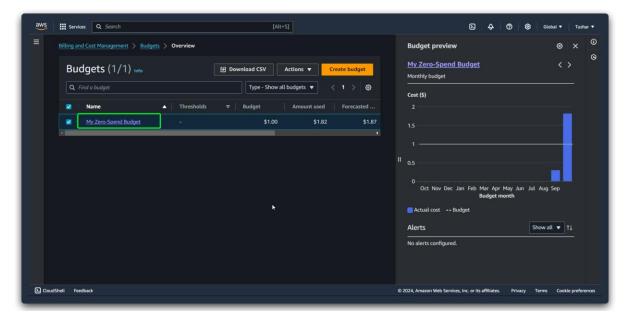
Go to billing and cost management and in budget section hit create budget



Select zero spend budget in template, name it and add your email to get notification if our bill goes over our budget it will notify us



Then hit create budget button simply



As you can see in above my zero-spend-budget has been created successfully.