



**DevOps -2022-b-online**

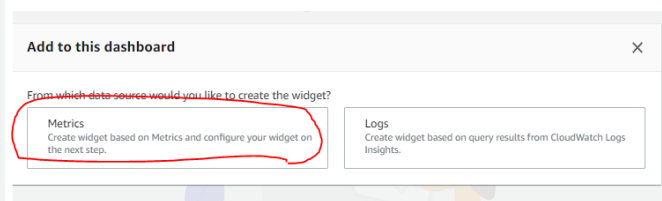
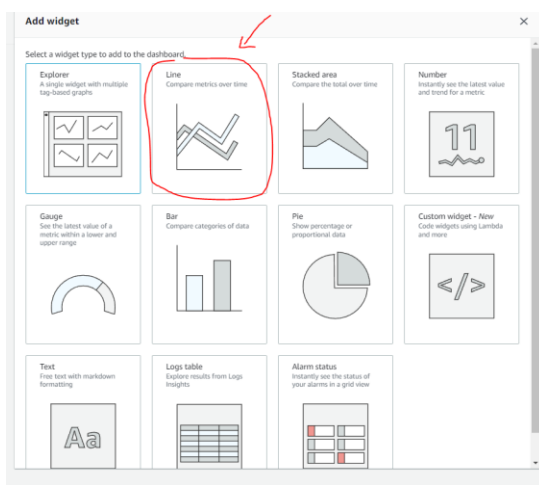
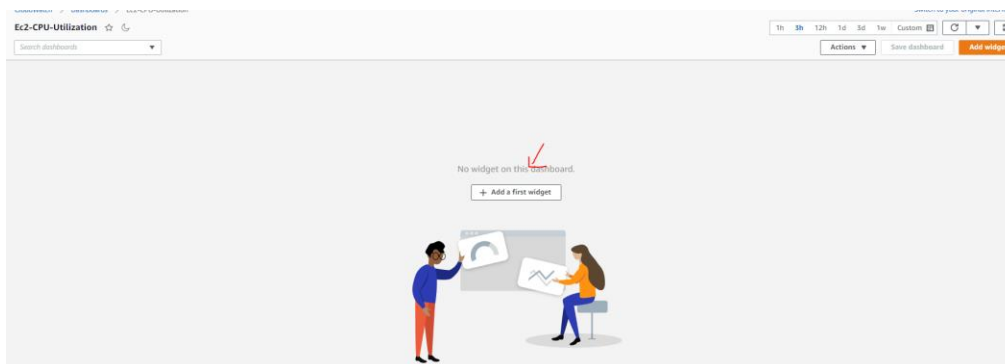
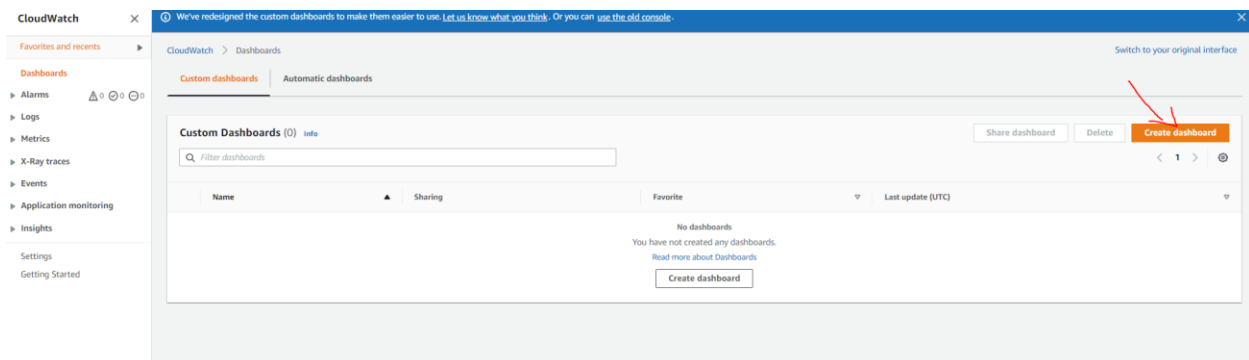
**BY**

**MOHAMMED EID** 😊

## Create a dashboard in AWS CloudWatch with the following widgets.

### 1. Add a widget to compare metrics over time

- Select data source as metrics
- Resource – EC2 Instance (Select available EC2 instances)
- Metrics – CPU Utilization
- Monitor the CPU Utilization for the selected EC2 instance.



Metrics (889)

N. Virginia

Search for any metric, dimension or resource id

Graph with SQL

Graph search

ApplicationELB183

CodeBuild126

EB590

EC2244

ElasticBeanstalk6

Logs20

S36

Usage214

Metrics (244)

N. Virginia

All > EC2

Search for any metric, dimension or resource id

By Auto Scaling Group86

Per-Instance Metrics158

Metrics (171)

N. Virginia

All > EC2 > Per-Instance Metrics

Search for any metric, dimension or resource id

Graph with SQL

Graph search

Instance name (171)	Instanceid	Metric name
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> CPUUtilization
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> CPUSurplusCreditsCharged
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> DiskReadBytes
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> DiskWriteBytes
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> DiskReadOps
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> DiskWriteOps
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> NetworkPacketsIn
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> NetworkPacketsOut
<input checked="" type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> CPUUtilization
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> NetworkIn
<input type="checkbox"/> test	<input type="checkbox"/> i-02599b080328f6eb8	<input type="checkbox"/> NetworkOut

CPUUtilization

5 minutes

Average

1h3h12h1d3d1wCustom

Percent

0.45

0.4

0.35

0.3

0.25

0.2

14:00

14:05

14:10

14:15

14:20

14:25

14:30

14:35

14:40

14:45

14:50

14:55

15:00

CPUUtilization

View in metrics

Close

## 2. Add a widget to present multiple metrics in a single view.

- Type – Pre-filled Explorer widget
- Template – EC2
- Choose some metrics like CPU Utilization, Network In, Network Out etc
- Choose some tags, for example – Instance type = t2.micro
- Aggregate by–average
- Save the dashboard

