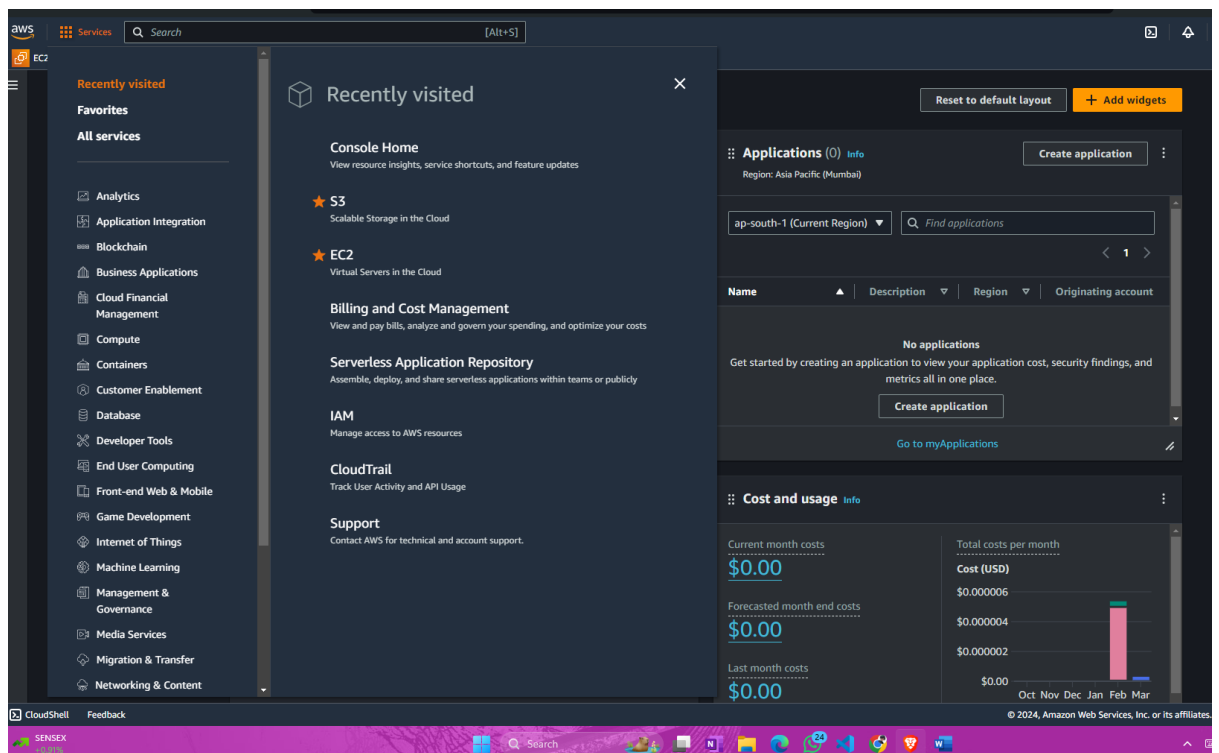# REPORT

CLOUD COMPUTING

ELASTIC COMPUTE CLOUD (EC2)

**-Launching an AWS Instance**

Step 1) In this step,

- Login to your AWS account and go to the AWS Services tab at the top left corner.
- Here, you will see all of the AWS Services categorized as per their area viz. Compute, Storage, Database, etc. For creating an EC2 instance, we have to choose Compute EC2 as in the next step.

- Open all the services and click on EC2 under Compute services. This will launch the dashboard of EC2.

Here is the EC2 dashboard. Here you will get all the information in gist about the AWS EC2 resources running.
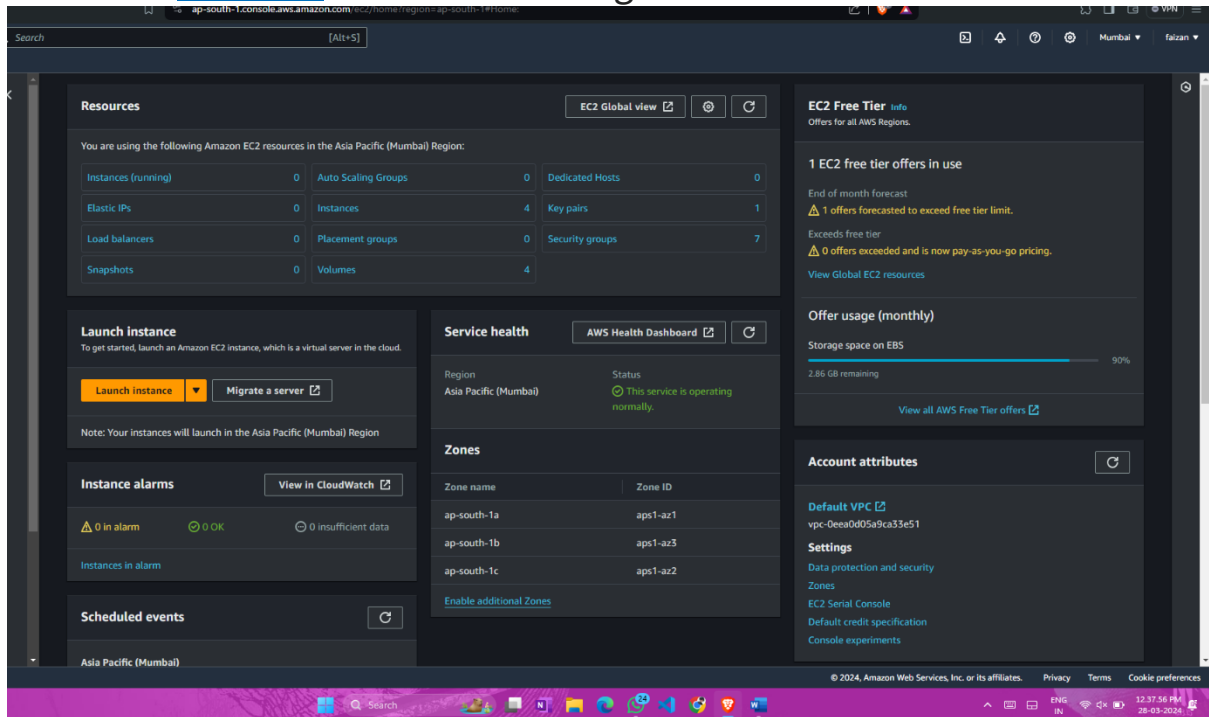

Step 2) On the top right corner of the EC2 dashboard, choose the AWS Region in which you want to provision the EC2 server.

Here we are selecting Asia Pacific (Mumbai). AWS provides 10 Regions all over the globe
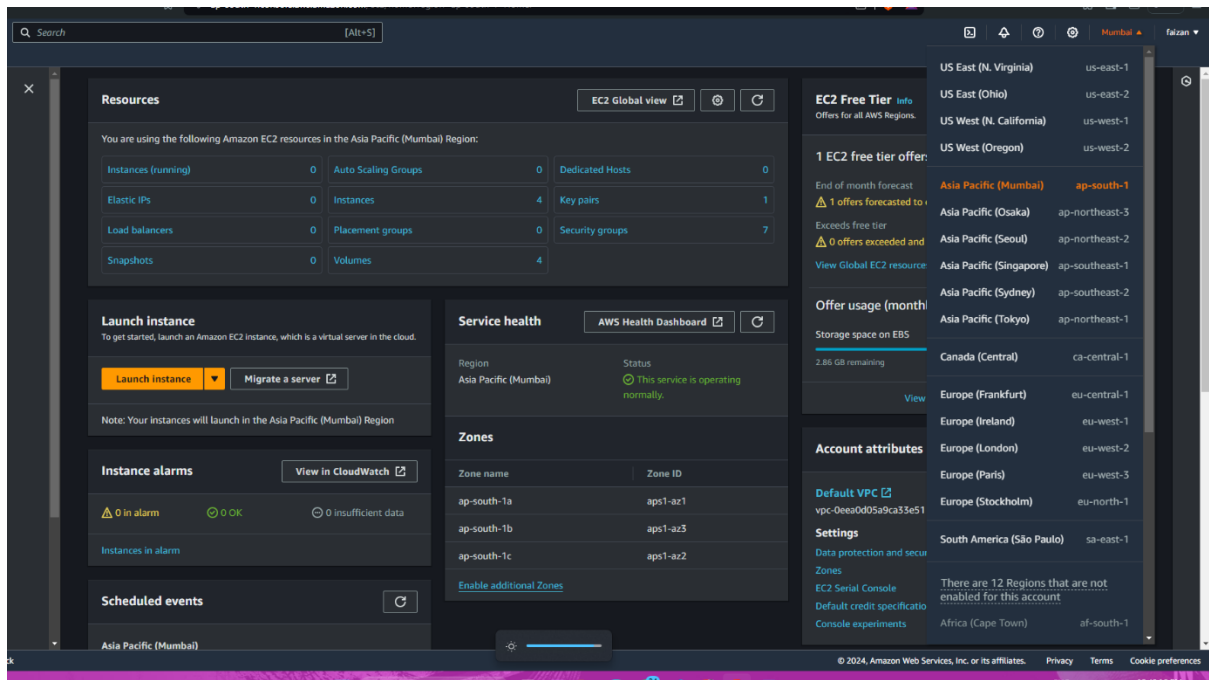
Step 3) In this step

- Once your desired Region is selected, come back to the EC2 Dashboard.
- Click on 'Launch Instance' button in the section of Create Instance (as shown below).
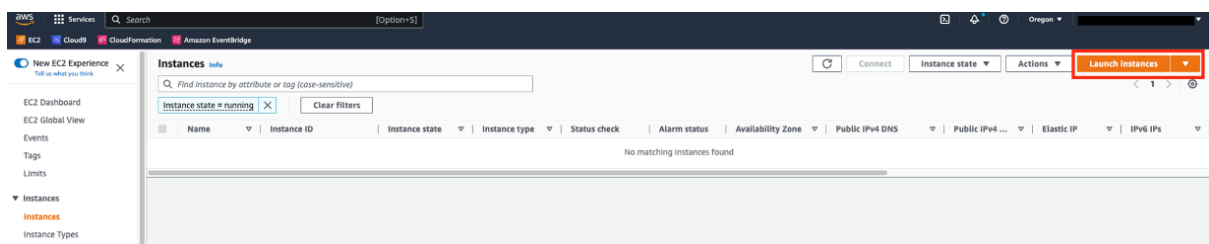
Step 4) On the **Choose an Amazon Machine Image (AMI)** screen, choose **Amazon Linux 2 AMI (HVM), SSD Volume Type**

Step 5) On the **Choose an Instance Type** screen, select `t2.micro` as the instance type.
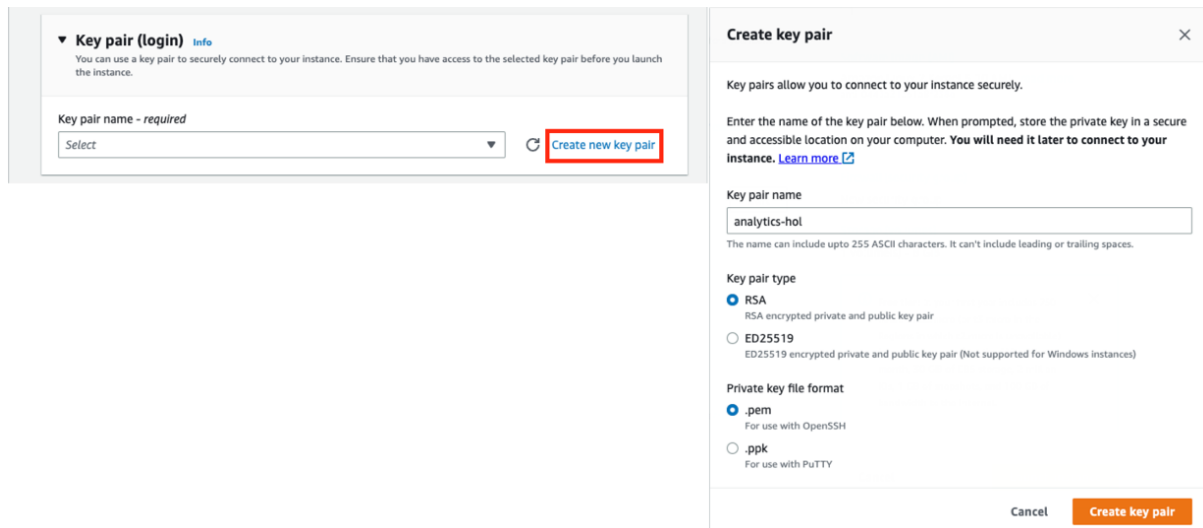
Step 6) Create a key pair to access EC2 Instance. Select Create a new key pair, enter `analytics-hol` as the Key pair name, and click **Download Key Pair**. Save the Key Pair safely on your local machine and click **[Launch Instances]**. (EC2 Instance startup may take several minutes.)

Step 7) After creating key pair ,under network setting you can allow http and https traffic based on your requirements.

Step 8) Ignore the rest of the settings and click **Launch instance**.

Your EC2 instance is launched