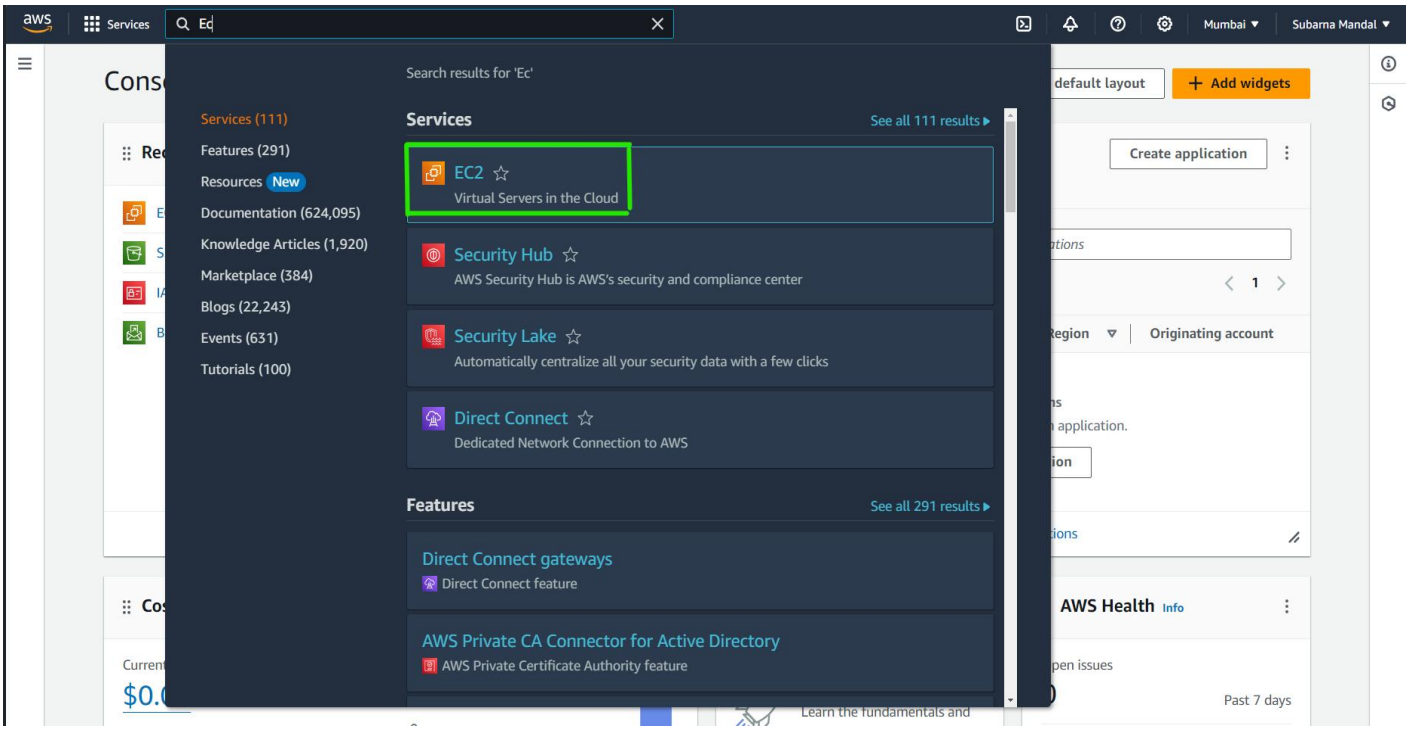
Assignment :- 10

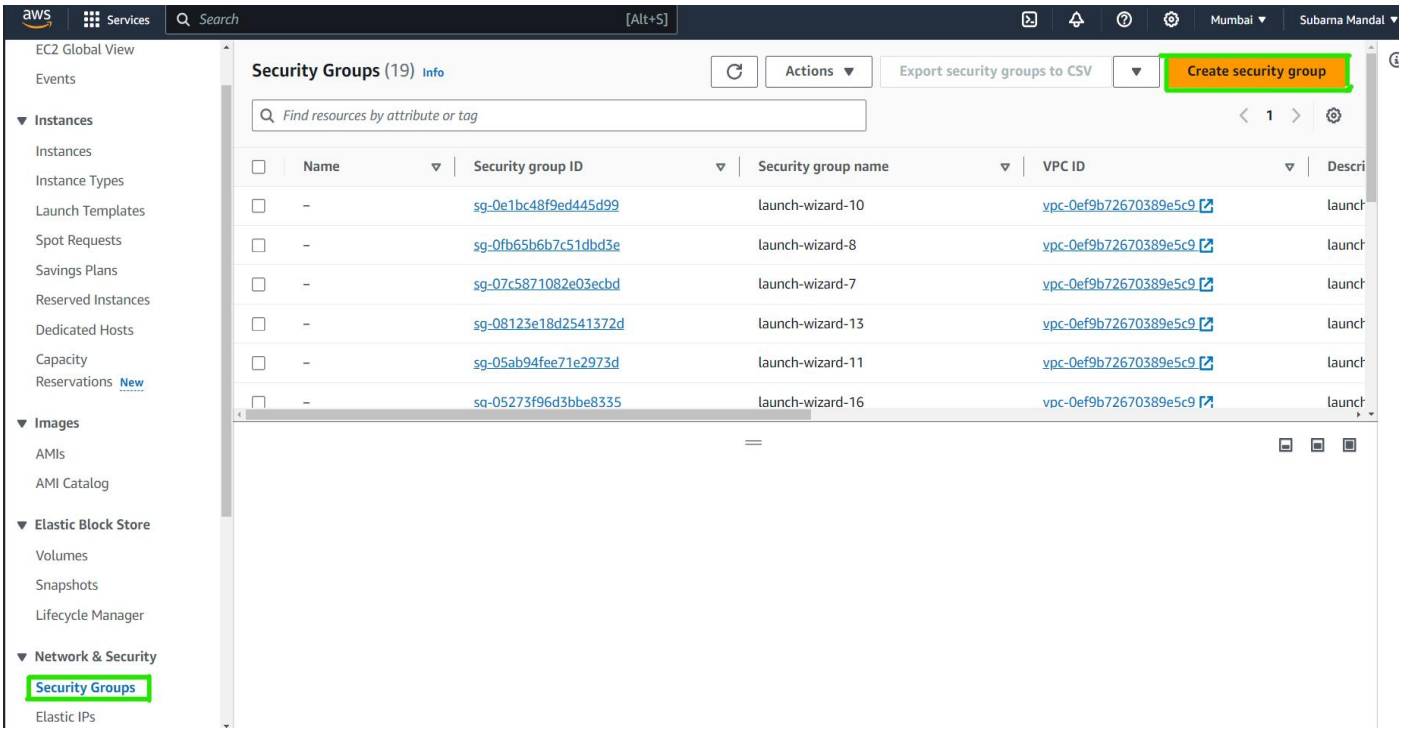
Problem Statement :-

Deploy a project from **GitHub** to **EC2** by creating **new Security Group** and user data.

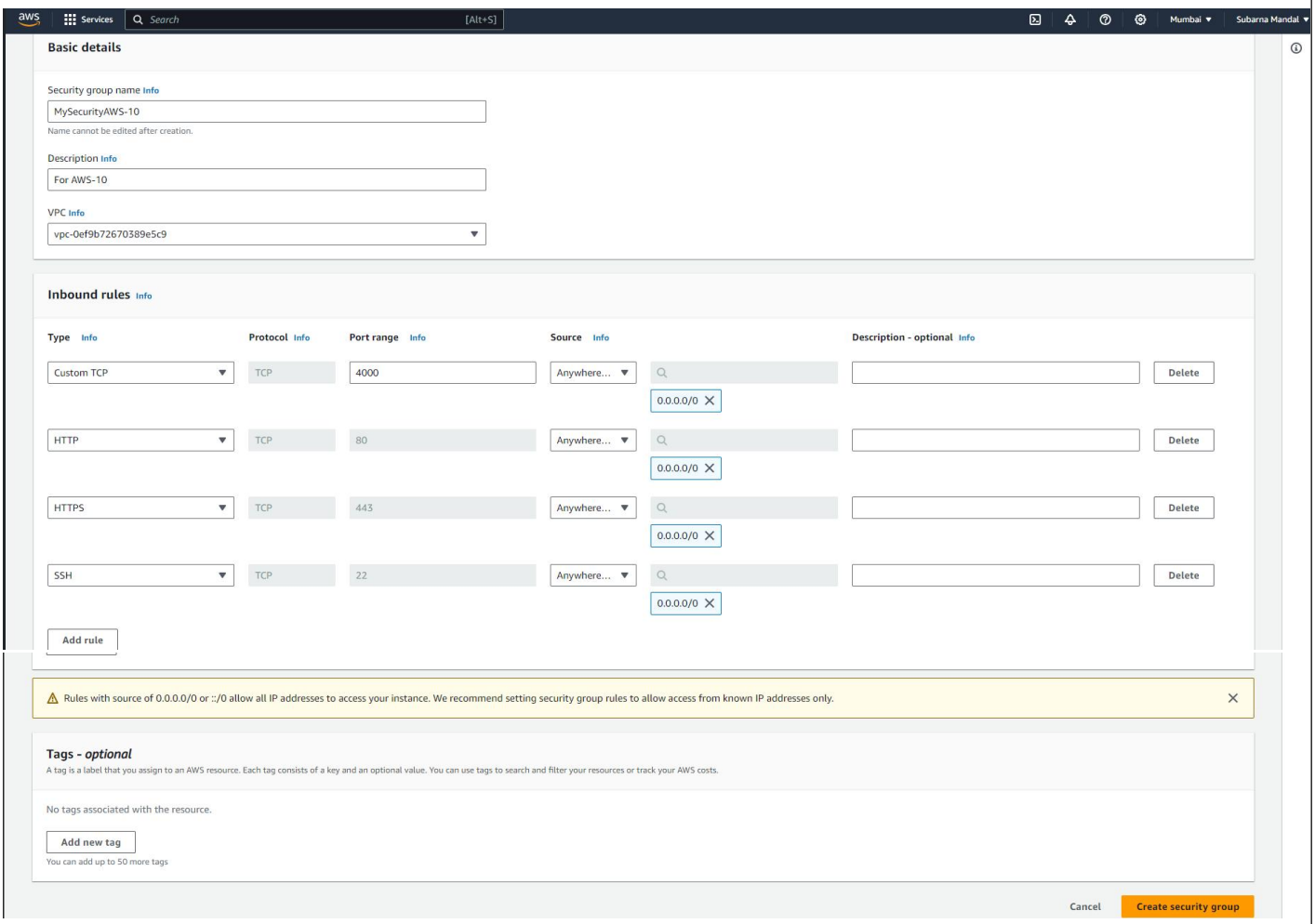
Step 1 :- Login to the **AWS console**, and search for **EC2**. Open the first EC2 link.



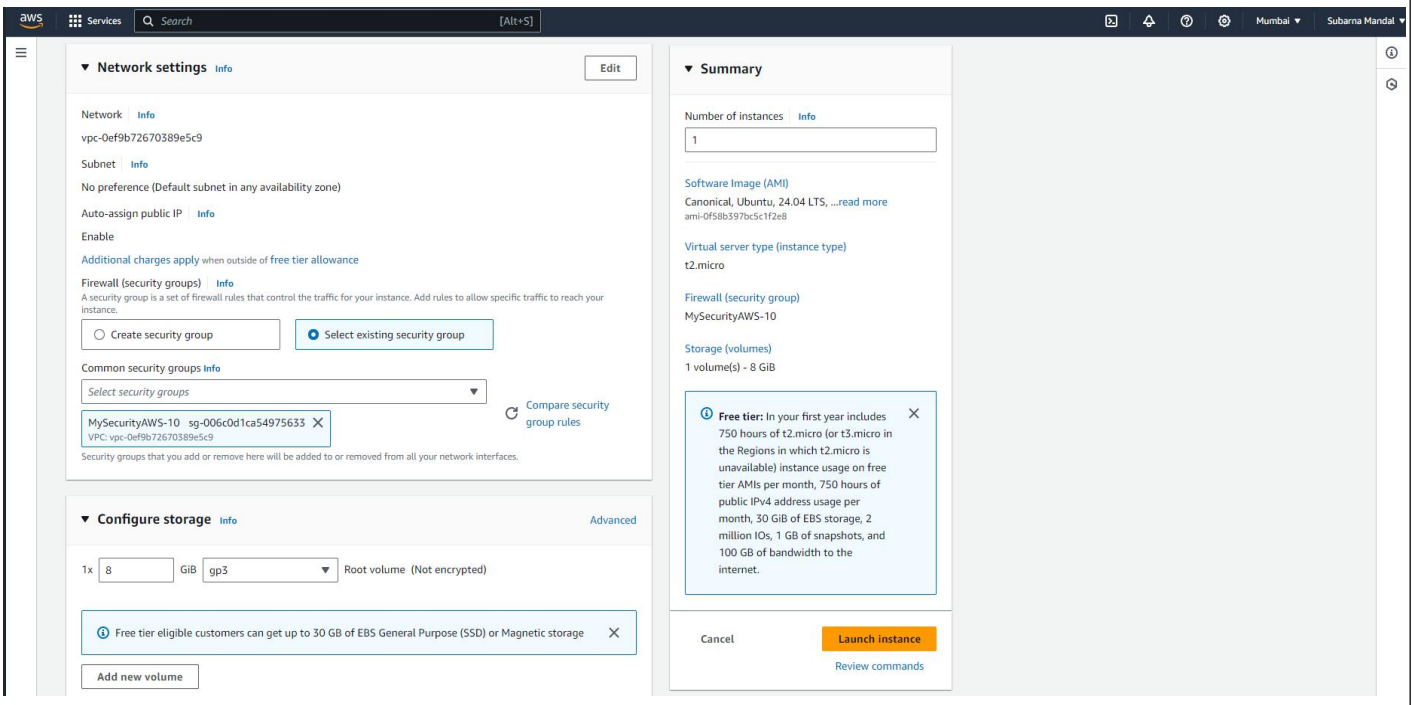
Step 2 :- Go to "**Security Groups**". Then click on "**Create Security group**" to create custom security group.



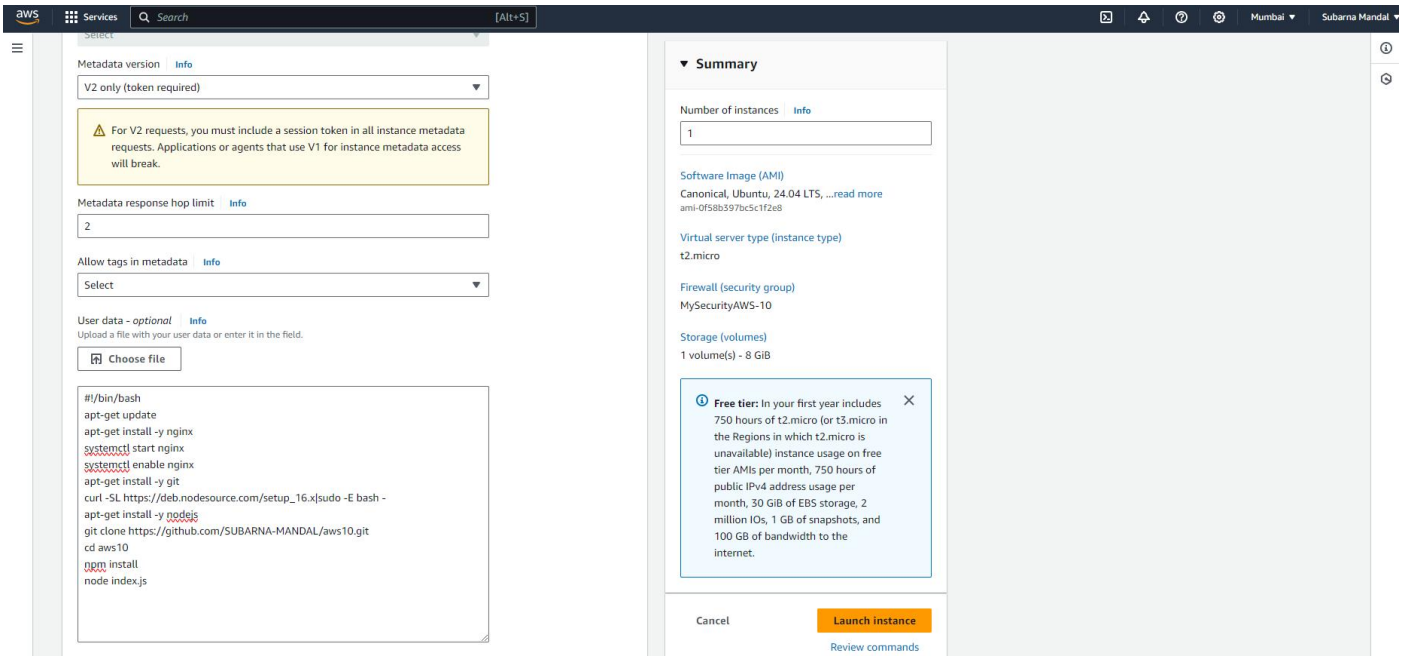
Step 3 :- Now provide security group name ,description and Set Inbound rules types **HTTP**, **HTTPS**, **SSH** and **Custom TCP** Port Range **4000**. Click on the "**Create security group**".



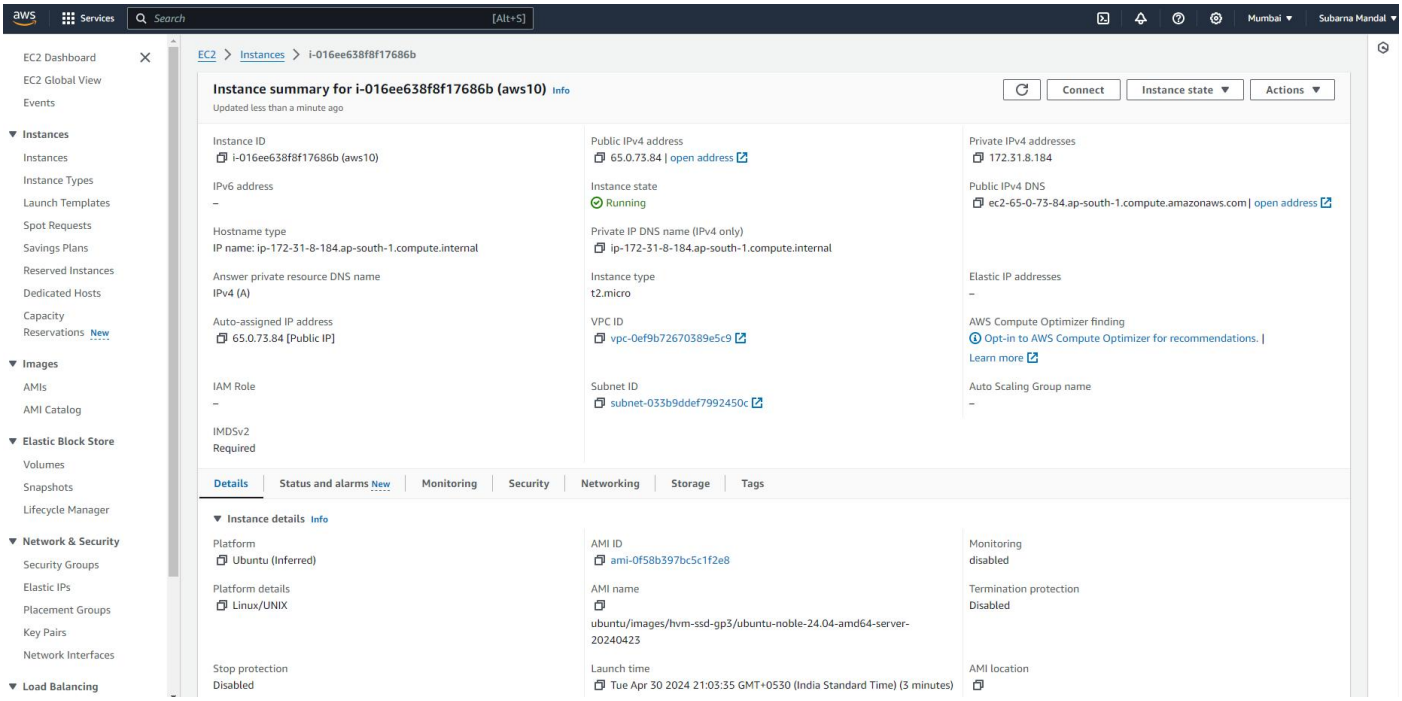
Step 4 :- Create EC2 ubuntu instance. In **network settings**, select existing security group and choose the group created.



Step 5 :- In advanced details,enter user data in the blank space and click "**Launch instance**".



Step 6 :- Created instance shown below.



Step 7 :- Now **copy** the public **IPv4** address with custom port number **4000** and run it in any **web browser**.