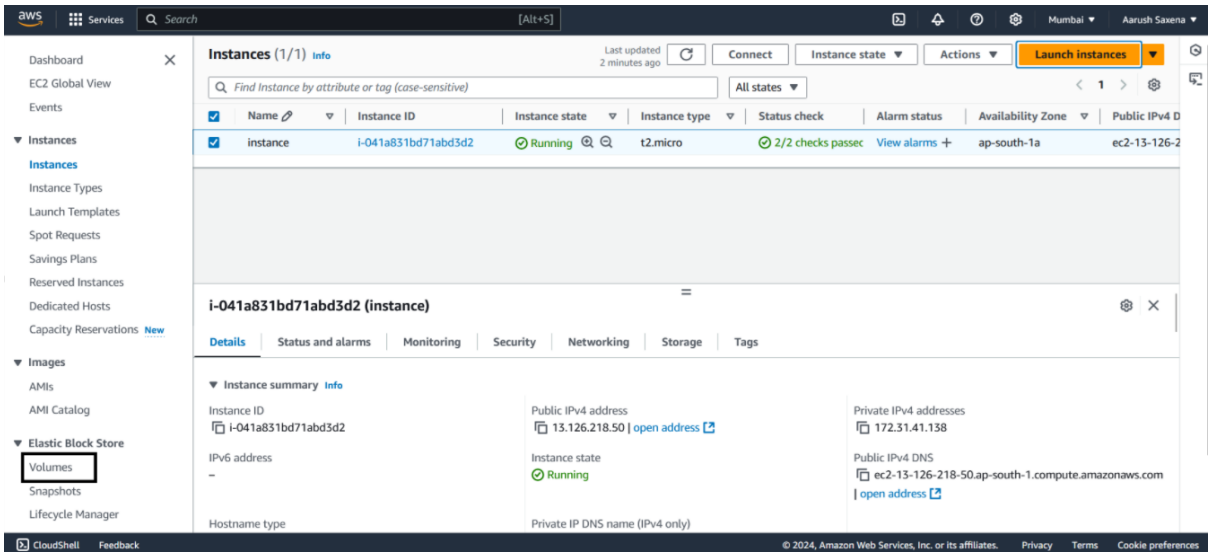
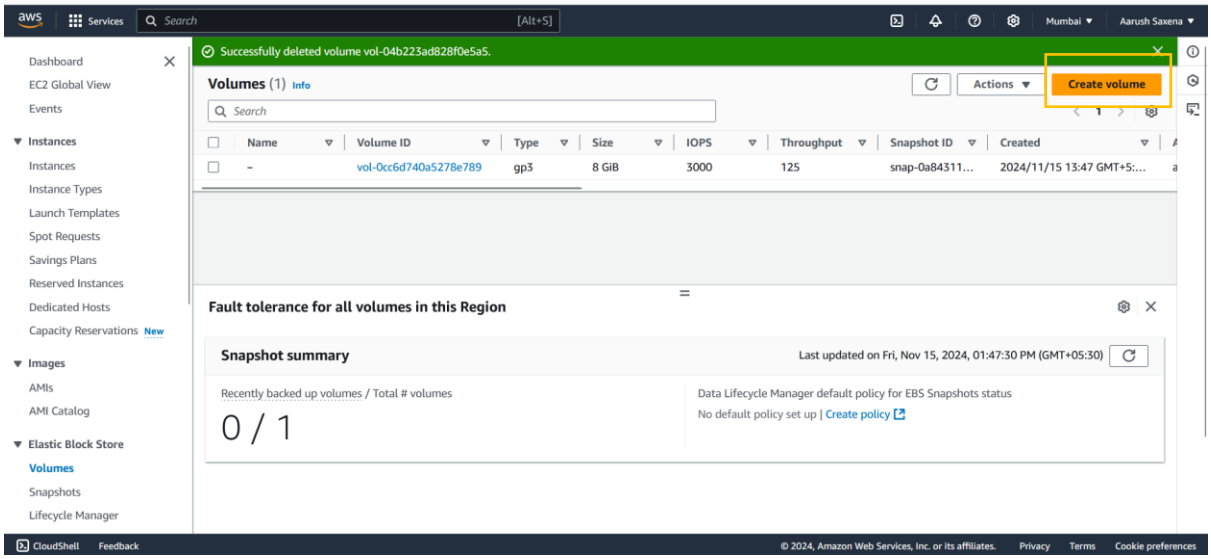
EBS(from aws linux)

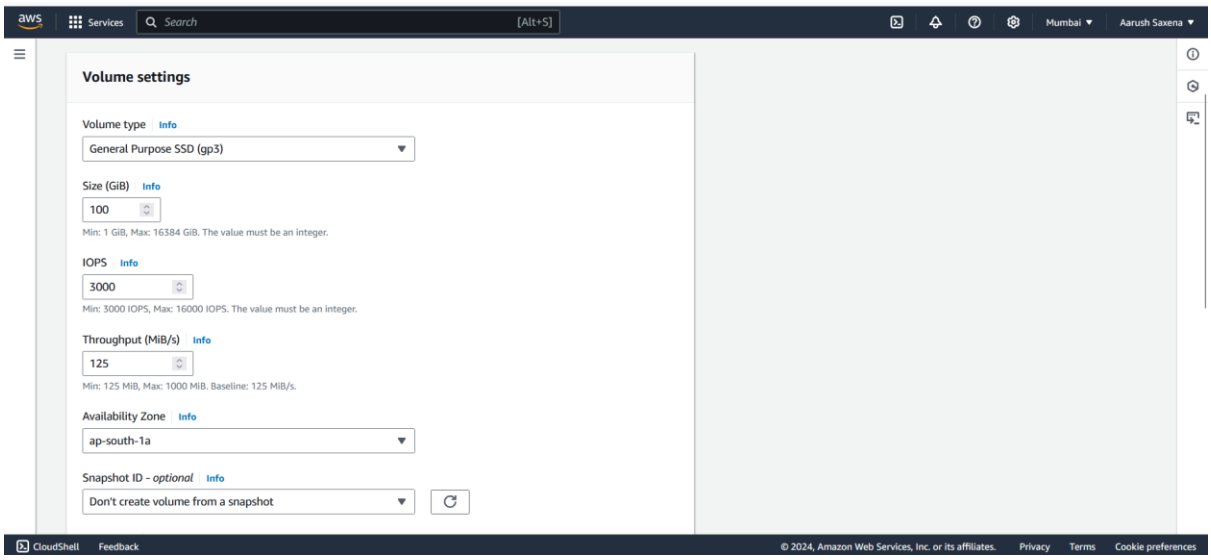
First create instances and click on volumes inside Elastic Block Store



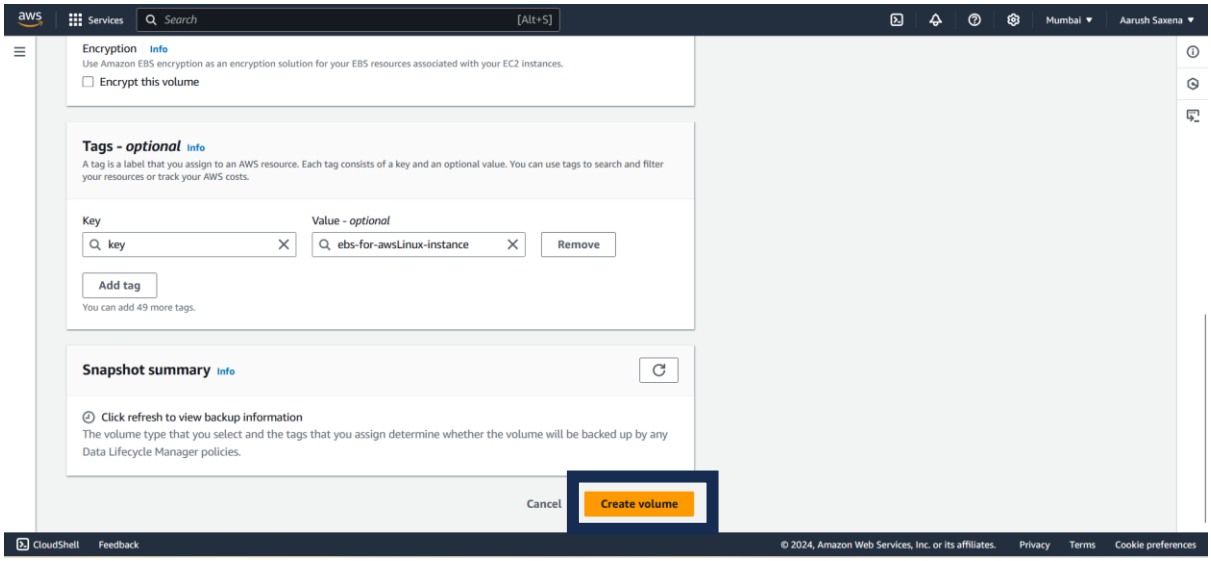
After clicking on it window will appear like this, click on create volume on the same availability zone as instance's.



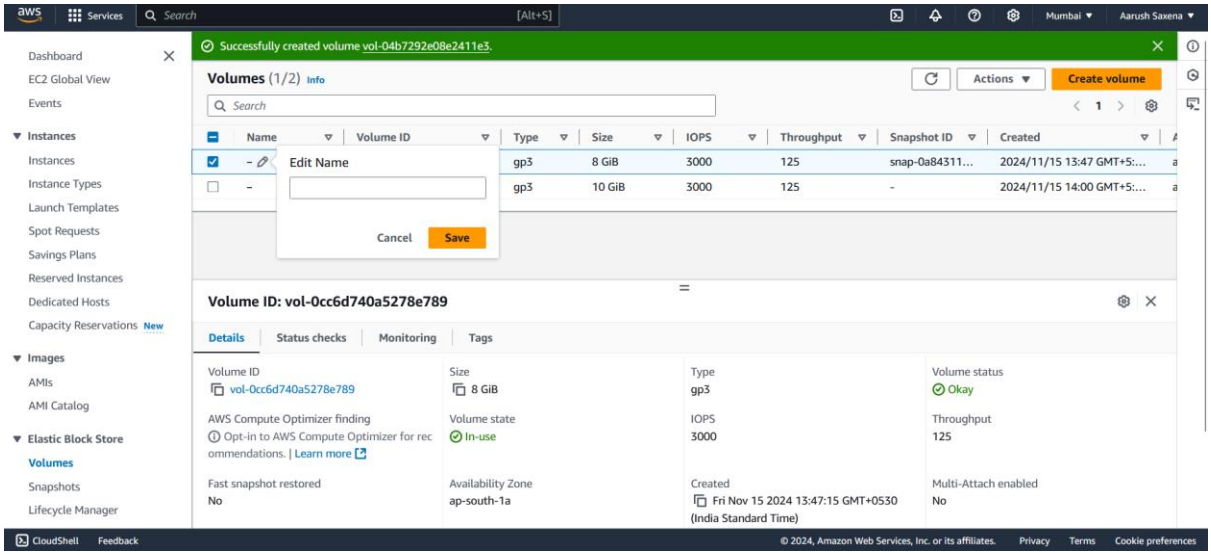
After clicking on it a window will appear with volume settings, set size of volume according to your need I am going to give 10GB



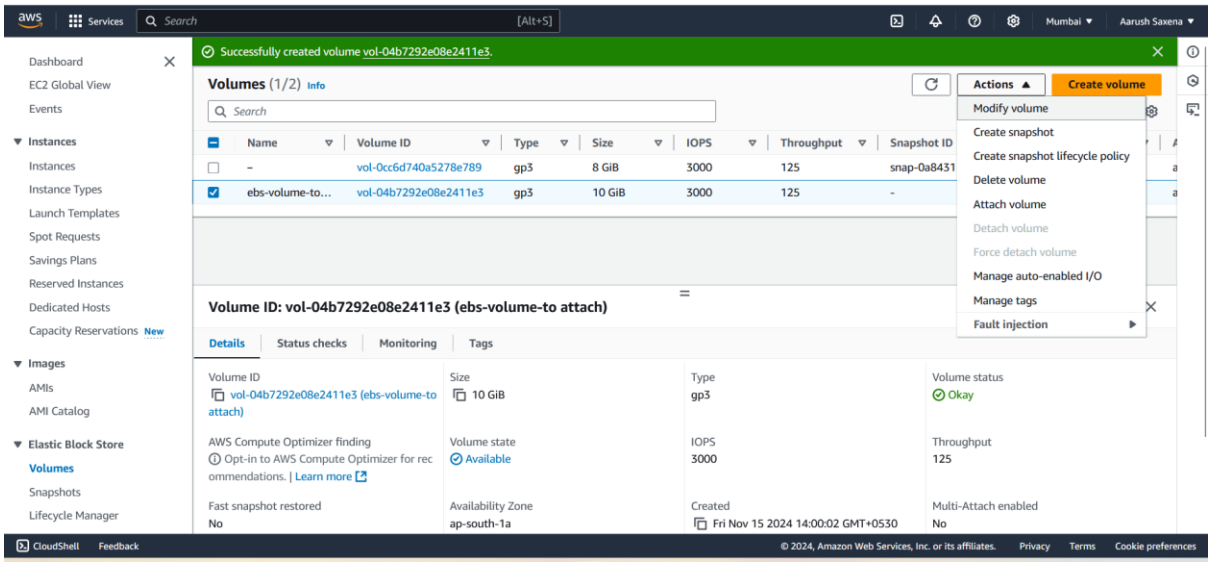
You can give tags in key value pair(optional) and click on create volume



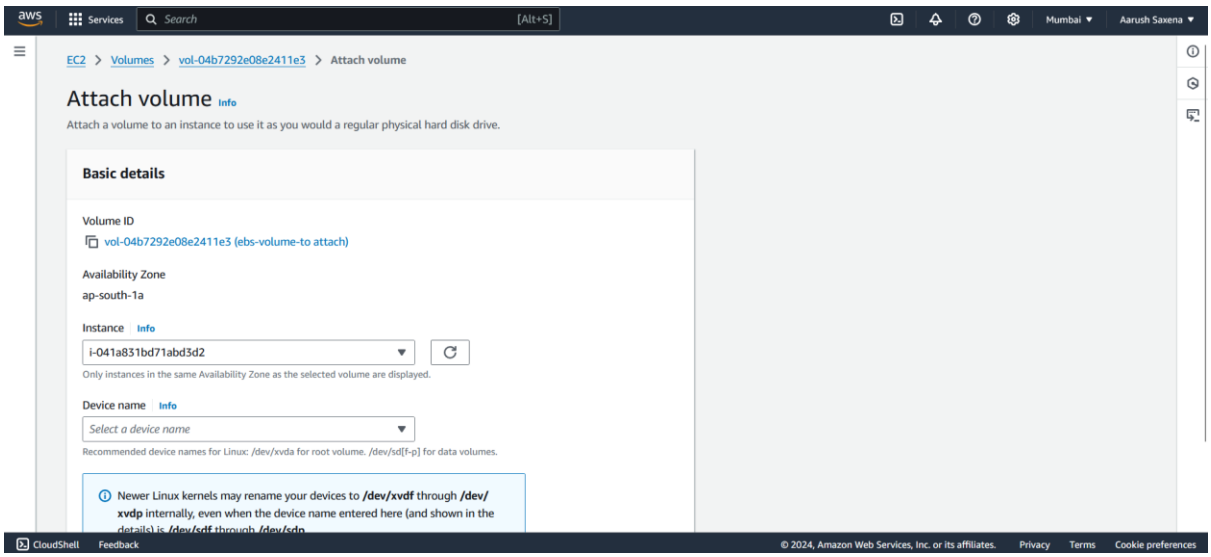
After clicking on it you can see your volume has been created now for your reabaility you can give name to it by clicking on pen same as shown in image given below.



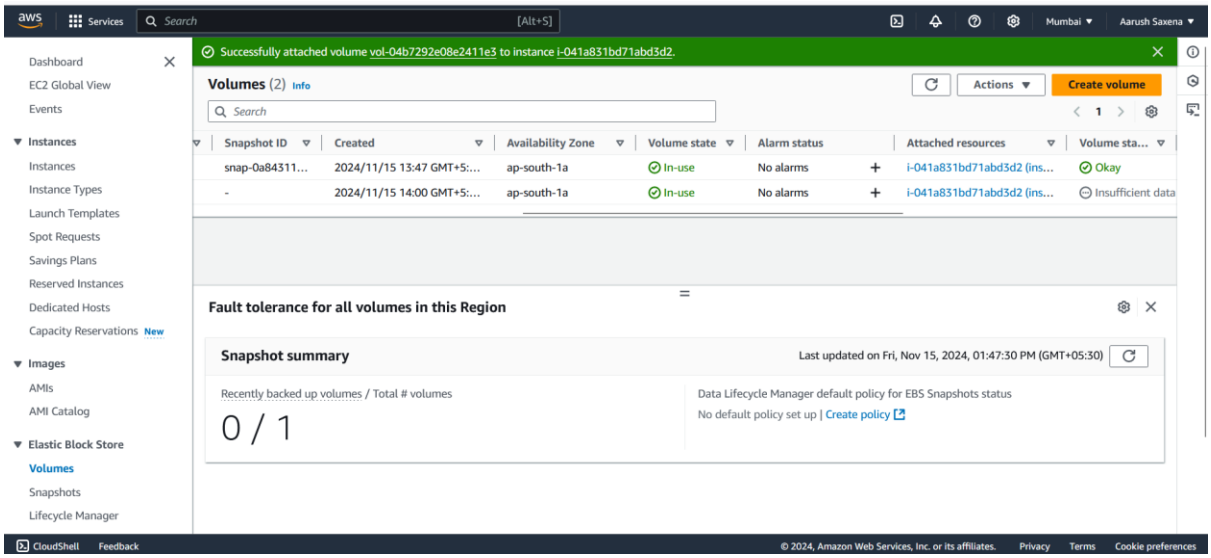
Select that volume and click on actions button and click on attach volume



A window will appear like this and select your instance which you want to attach to your instance, give device name to it and click on attach volume.



Now you can see your created volume has been attached and is in use



Go back to instances and Connect your instance through ec2-connect

After connecting it type commands as follow:-

1. sudo su

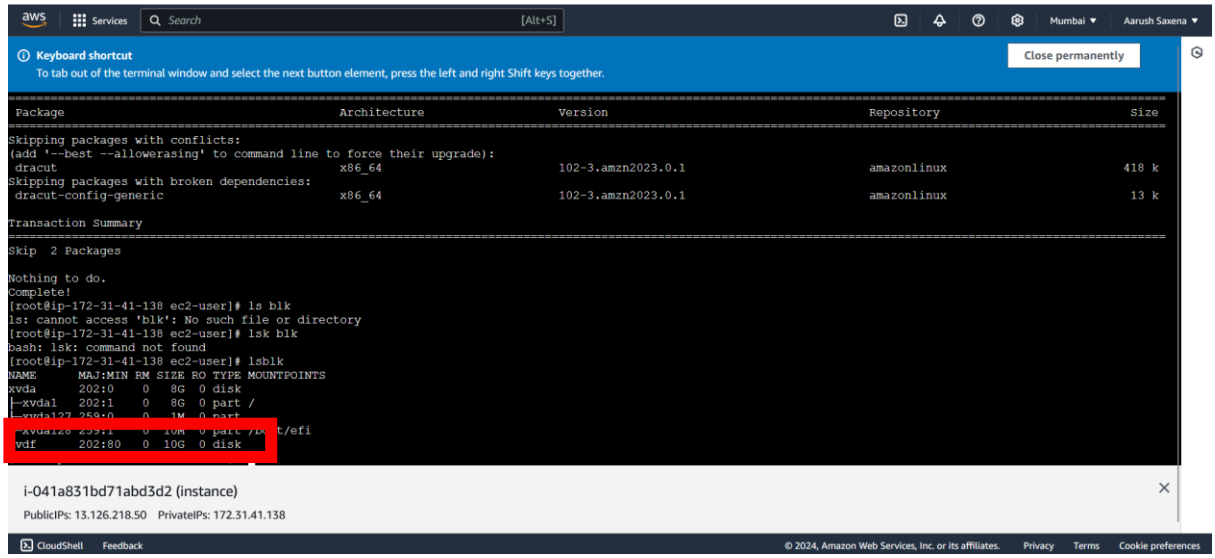
2. yum update

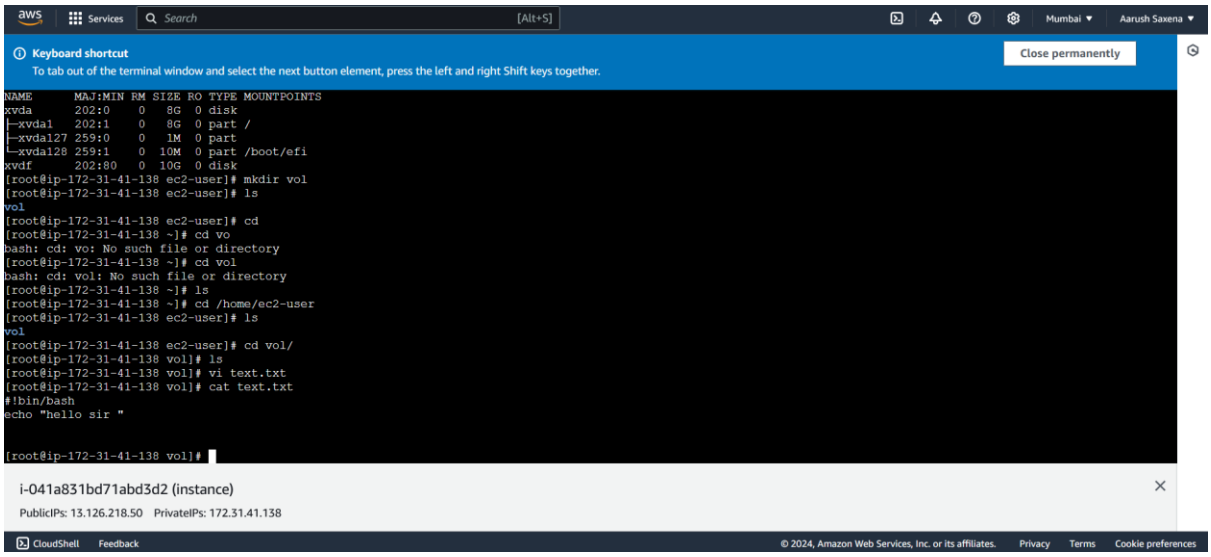
3. lsblk(for listing attach volumes)

4. file -s /dev/xvdf (to check volume is empty or not)

5. mkfs.ext4 /dev/xvdf (to format volume)

6. mkdir vol (to add data to dir to store in volume)





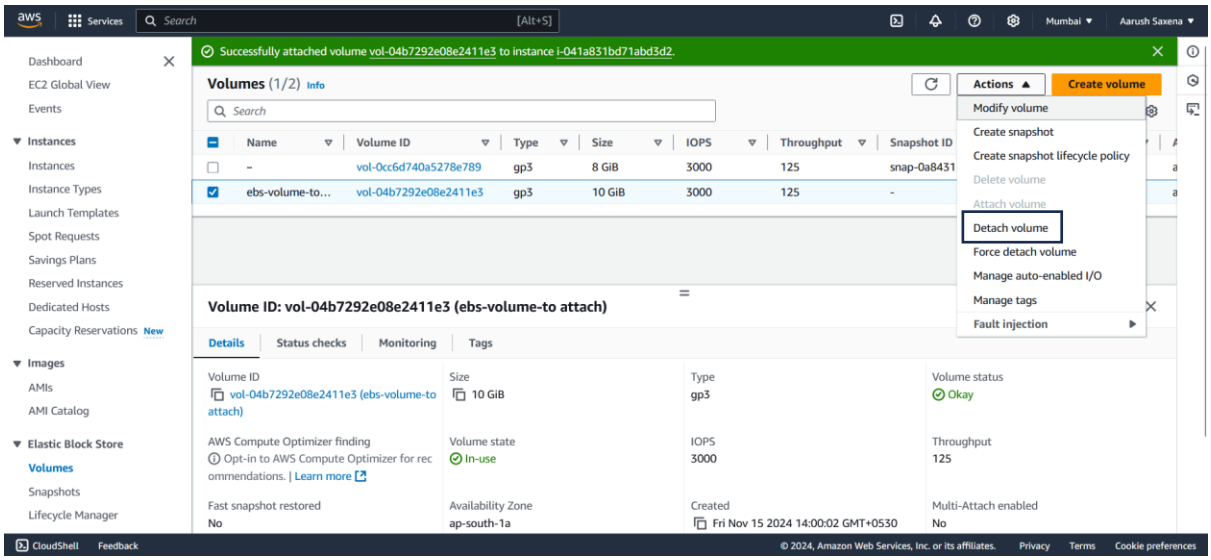
After storing some data to volume you can see that data is store in that volume or not for that type command on this path root path

root@ip-172-31-41-138 ec2-user

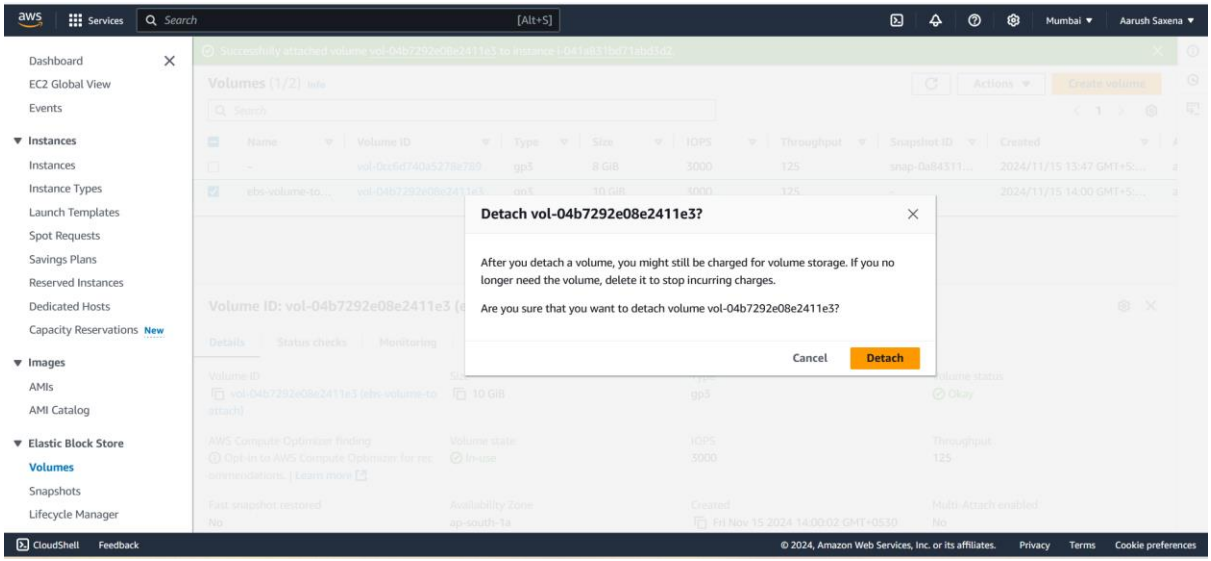
file -s /dev/xvdf

And after that you can detach that volume also as shown below

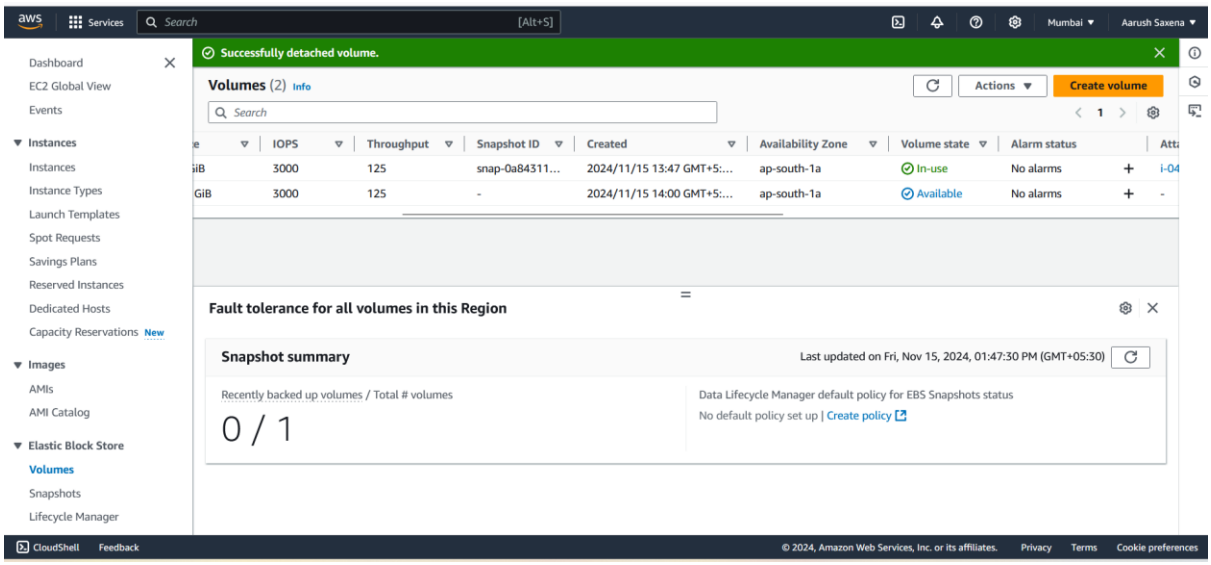
Go to volumes select that volume click on actions and click on detach volume



A window will appear and on that click on detach.

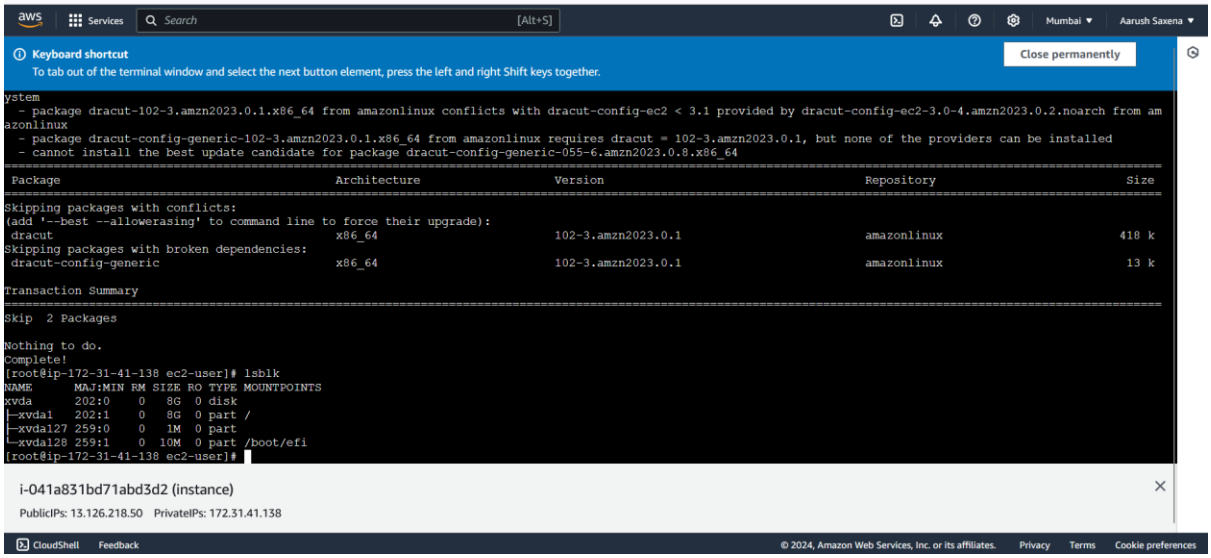


After refreshing it you can see volume shows available option which means it is detached with the instance.



Go back to ec2-connect and type

1. yum update
2. lsblk



Now you can see volume has been detached successfully from instance and data on that volume is stored on that volume.

Now you can terminate the instance.