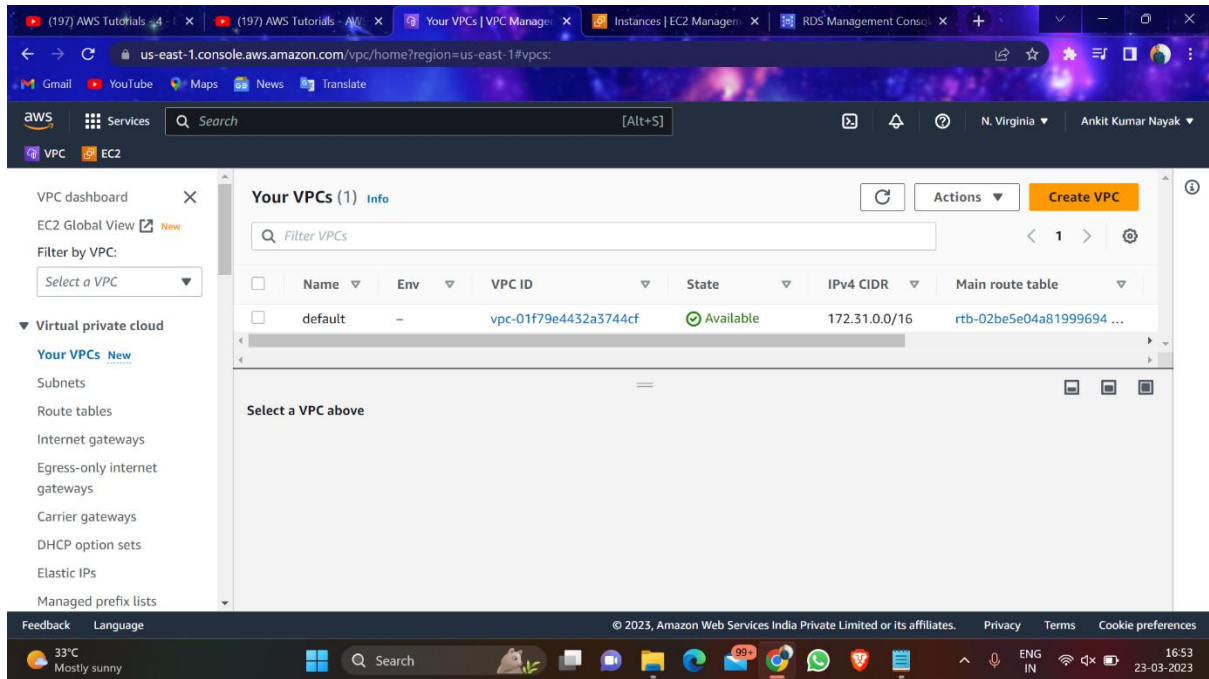
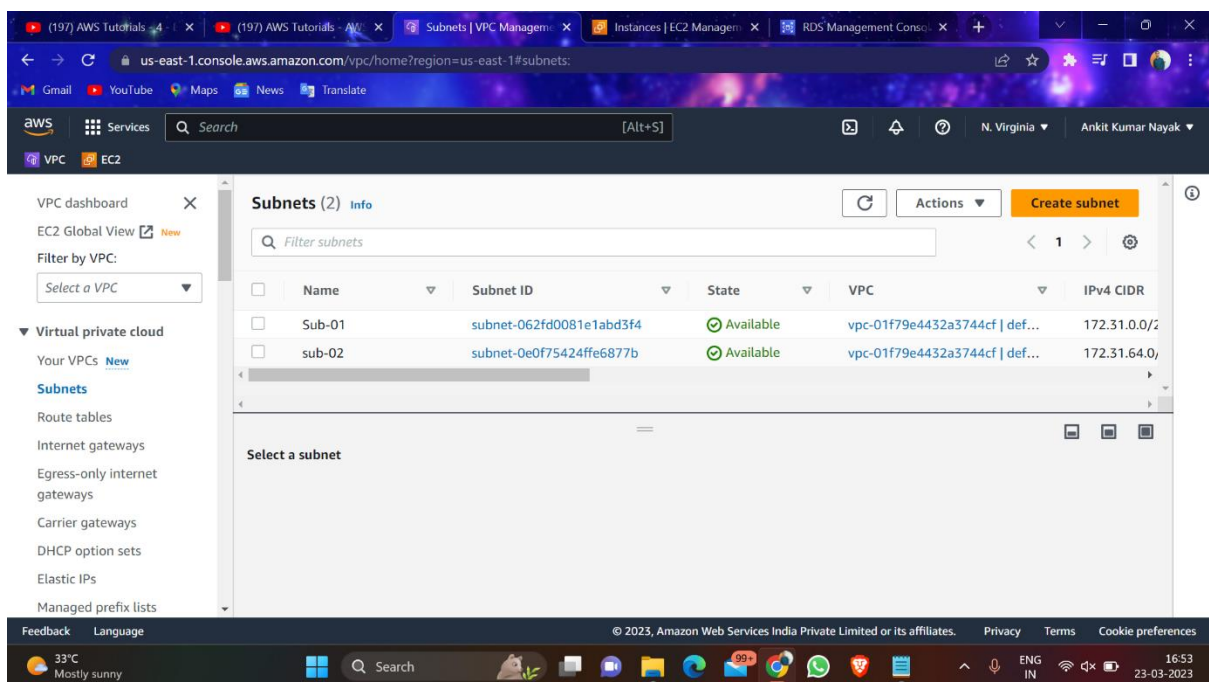


# Create database using ubuntu instance

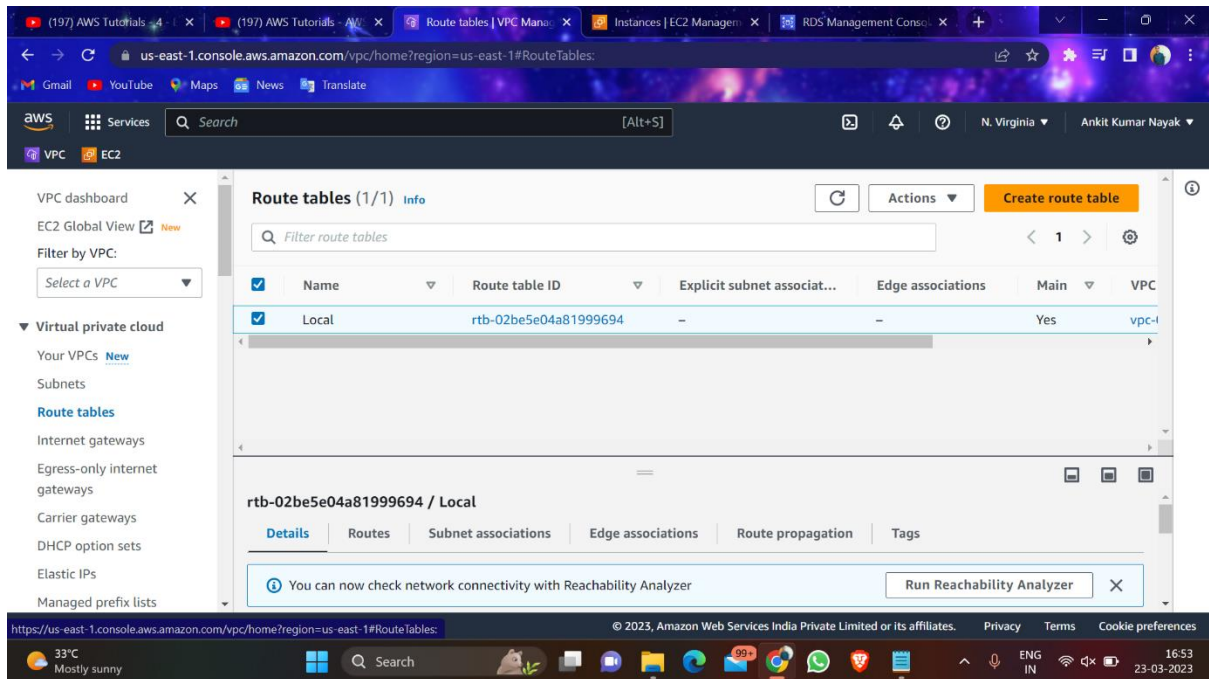
## Step-1: Creating VPC



## Step-2: Create Subnet



## Step-3: Create Route Table

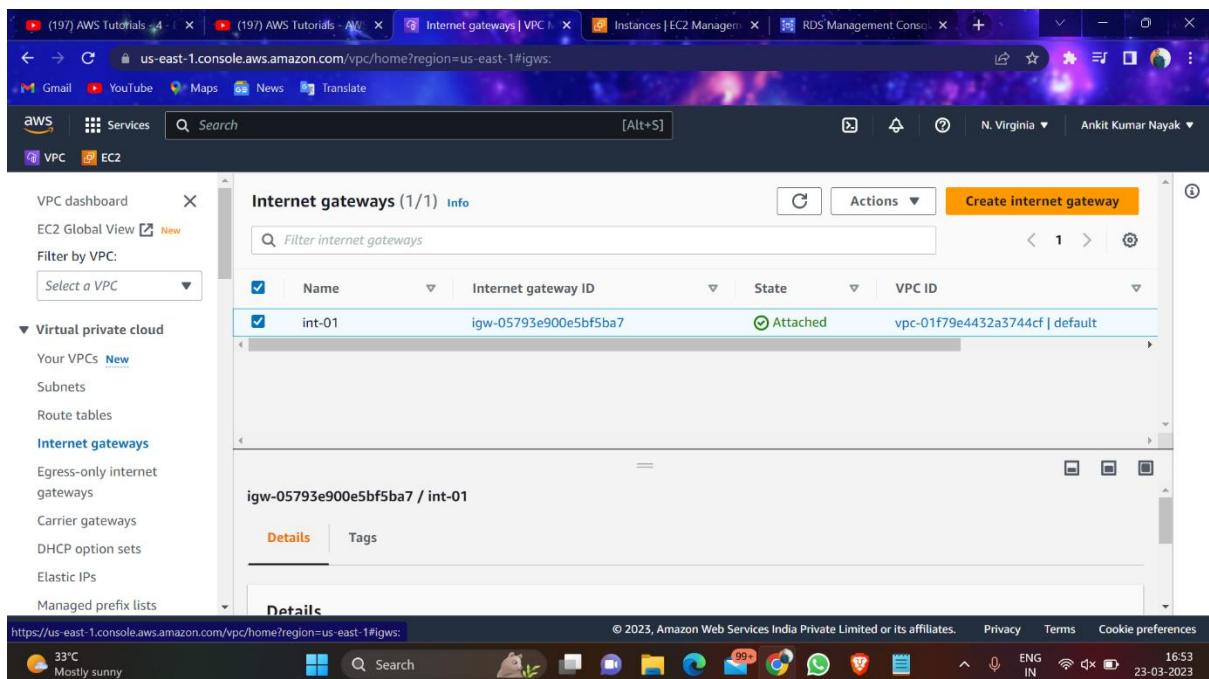


The screenshot shows the AWS Management Console for the 'us-east-1' region. The 'Route tables' page is displayed, showing a list of route tables. The 'Local' route table is selected, and its details are shown below the table list.

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
Local	rtb-02be5e04a81999694	-	-	Yes	vpc-01f79e4432a3744cf

Below the table, the details for the 'Local' route table are shown, including the 'Routes' tab and a 'Run Reachability Analyzer' button.

## Step-4: Create Internet Gateway

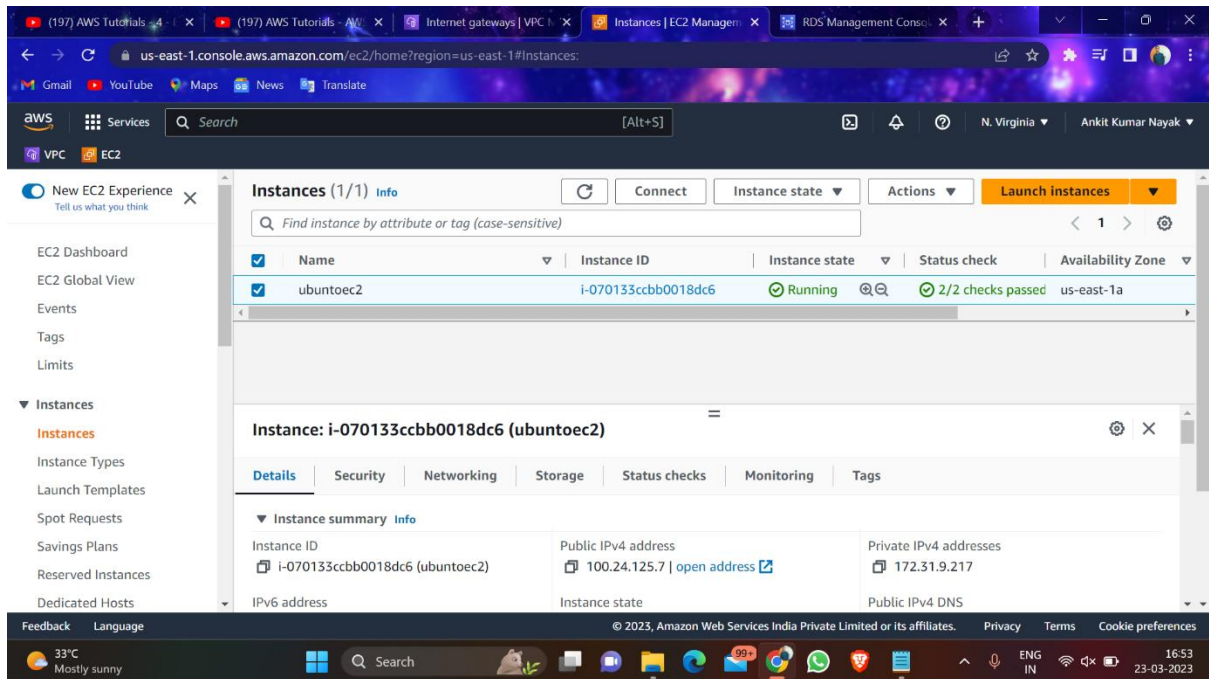


The screenshot shows the AWS Management Console for the 'us-east-1' region. The 'Internet gateways' page is displayed, showing a list of internet gateways. The 'int-01' internet gateway is selected, and its details are shown below the table list.

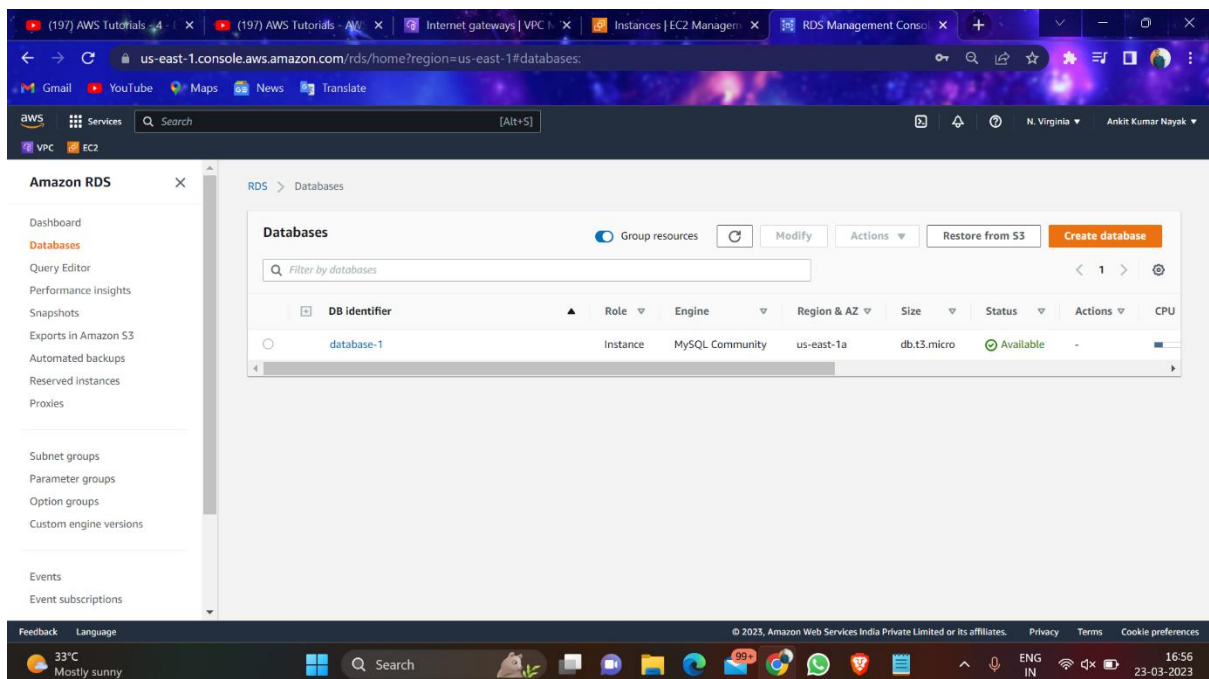
Name	Internet gateway ID	State	VPC ID
int-01	igw-05793e900e5bf5ba7	Attached	vpc-01f79e4432a3744cf   default

Below the table, the details for the 'int-01' internet gateway are shown, including the 'Details' tab and a 'Tags' section.

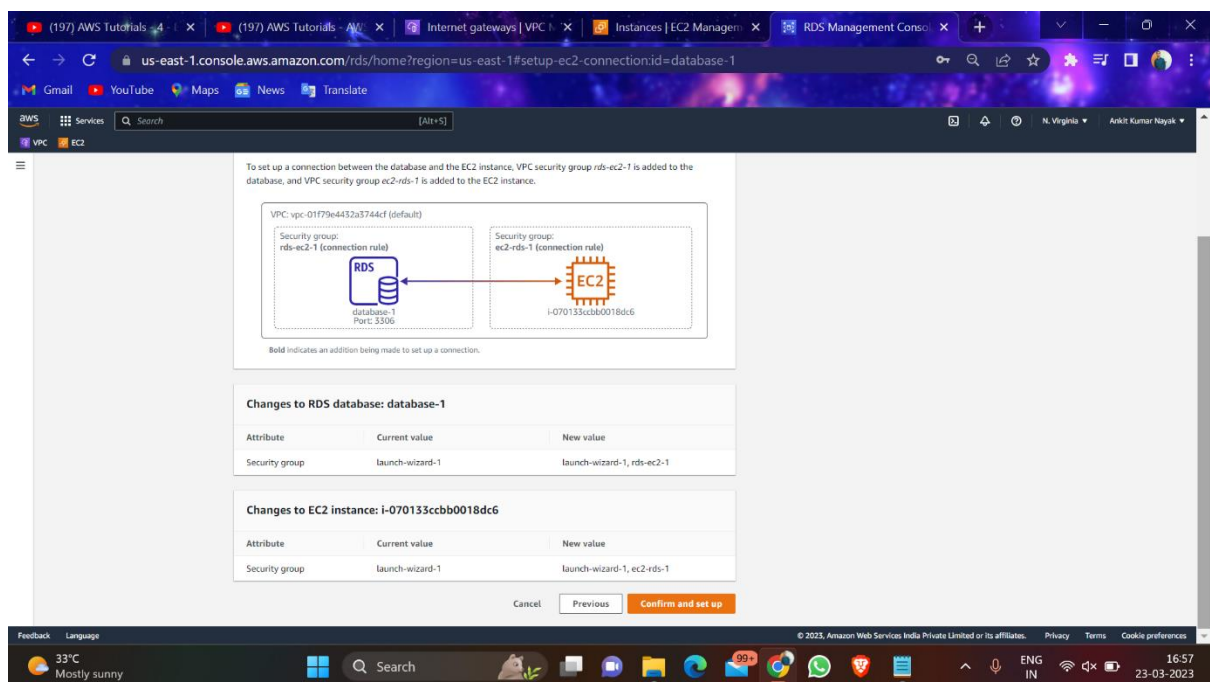
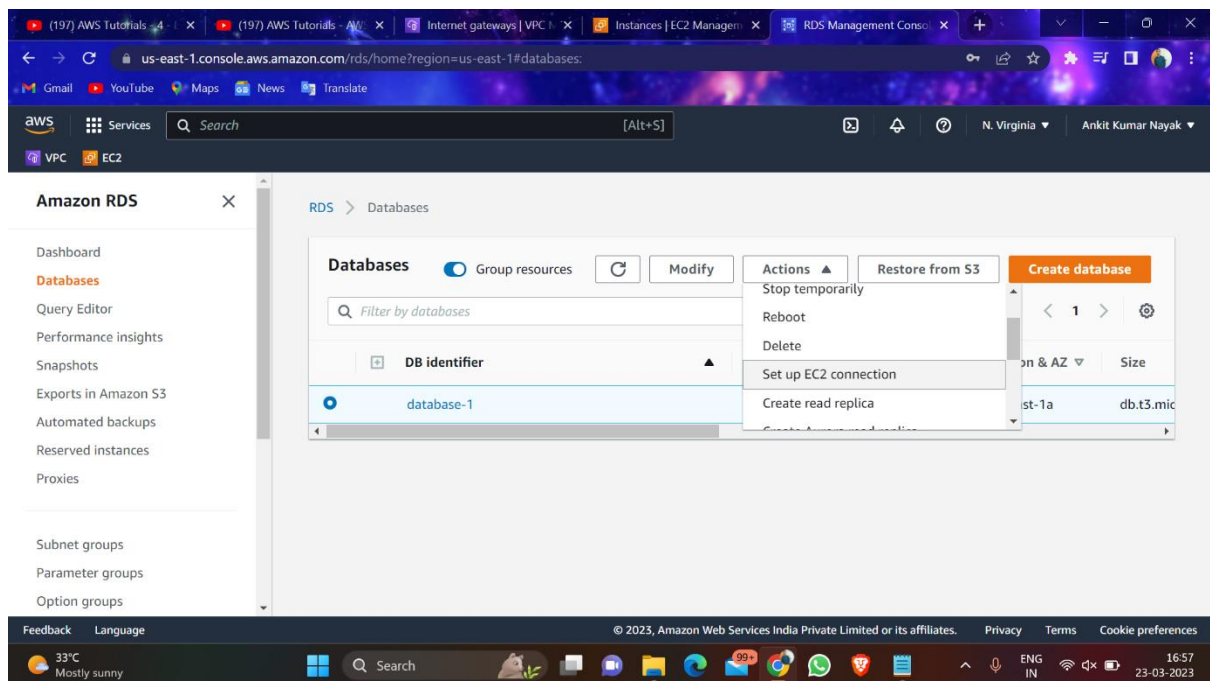
## Step-5: Craete a instance using ubuntu



## Step-6: Goto Amazon RDS→Create database



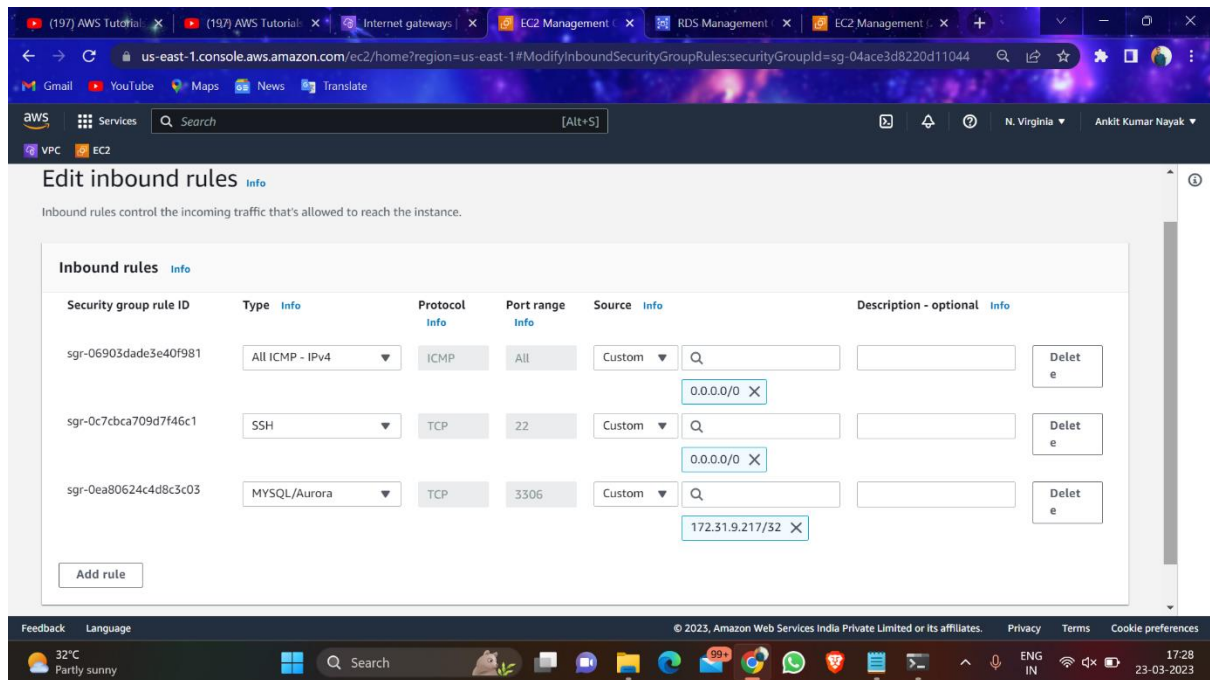
## Step-7: Create on the database created → Actions → Setup EC2 Instance





Step8: Change the security group of the instance which we have created

- Port range → 3306
- Source → Copy private ip / give as anywhere



Step9: Run the Instance and follow the command

1. `sudo apt-get install mysql-client -y`
2. `mysql -h database-1.<endpoint name> -P 3306 -u admin -p`
3. then enter the password
4. `CREATE DATABASE db1;`
5. Use db1
6. Show tables
7. Insert into tb1 values ("ankit"), ("song"), ("dance");
8. `select * from tb1;`

9. insert into tb1 (name) values (“dev”), (“prod”);
10. select \* from tb1

```
ubuntu@ip-172-31-9-217: ~  
Microsoft Windows [Version 10.0.22621.1413]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\Ankit kumar>cd Downloads  
  
C:\Users\Ankit kumar\Downloads>ssh -i "psti-01.pem" ubuntu@ec2-100-24-125-7.compute-1.amazonaws.com  
The authenticity of host 'ec2-100-24-125-7.compute-1.amazonaws.com (100.24.125.7)' can't be established.  
ED25519 key fingerprint is SHA256:KD6T36CCYB2n3PQxfItW19H6QgniQQ0Zed8PXcXBMaY.  
This key is not known by any other names  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added 'ec2-100-24-125-7.compute-1.amazonaws.com' (ED25519) to the list of known hosts.  
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Thu Mar 23 11:28:15 UTC 2023  
  
System load:  0.013671875      Processes:    94  
Usage of /:   19.8% of 7.57GB   Users logged in: 0  
Memory usage: 19%             IPv4 address for eth0: 172.31.9.217  
Swap usage:   0%  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status
```

```
ubuntu@ip-172-31-9-217: ~  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
ubuntu@ip-172-31-9-217:~$ sudo apt-get install mysql-client -y  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  mysql-client-8.0 mysql-client-core-8.0 mysql-common  
The following NEW packages will be installed:  
  mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common  
0 upgraded, 4 newly installed, 0 to remove and 0 not upgraded.  
Need to get 2716 kB of archives.  
After this operation, 62.1 MB of additional disk space will be used.  
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd64 8.0.32-0ubuntu0.22.04.2 [26  
77 kB]  
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7212 B]  
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0.32-0ubuntu0.22.04.2 [22.7 kB  
]  
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client all 8.0.32-0ubuntu0.22.04.2 [9350 B]  
Fetched 2716 kB in 0s (14.2 MB/s)
```

```
ubuntu@ip-172-31-9-217: ~  
Selecting previously unselected package mysql-client-core-8.0.  
(Reading database ... 63605 files and directories currently installed.)  
Preparing to unpack .../mysql-client-core-8.0_8.0.32-0ubuntu0.22.04.2_amd64.deb ...  
Unpacking mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...  
Selecting previously unselected package mysql-common.  
Preparing to unpack .../mysql-common_5.8+1.0.8_all.deb ...  
Unpacking mysql-common (5.8+1.0.8) ...  
Selecting previously unselected package mysql-client-8.0.  
Preparing to unpack .../mysql-client-8.0_8.0.32-0ubuntu0.22.04.2_amd64.deb ...  
Unpacking mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...  
Selecting previously unselected package mysql-client.  
Preparing to unpack .../mysql-client_8.0.32-0ubuntu0.22.04.2_all.deb ...  
Unpacking mysql-client (8.0.32-0ubuntu0.22.04.2) ...  
Setting up mysql-common (5.8+1.0.8) ...  
update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf (my.cnf) in auto mode  
Setting up mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...  
Setting up mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...  
Setting up mysql-client (8.0.32-0ubuntu0.22.04.2) ...  
Processing triggers for man-db (2.10.2-1) ...  
Scanning processes...  
Scanning linux images...  
  
Running kernel seems to be up-to-date.  
  
No services need to be restarted.  
  
No containers need to be restarted.  
  
No user sessions are running outdated binaries.  
  
No VM guests are running outdated hypervisor (qemu) binaries on this host.  
ubuntu@ip-172-31-9-217:~$ sudo apt-get install mysql-client -y
```

```
ubuntu@ip-172-31-9-217:~$ sudo apt-get install mysql-client -y  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
mysql-client is already the newest version (8.0.32-0ubuntu0.22.04.2).  
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.  
ubuntu@ip-172-31-9-217:~$ mysql -h database-1.csvgwzsjory.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.9.217' (using password: YES)  
ubuntu@ip-172-31-9-217:~$ mysql -h database-1.csvgwzsjory.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.9.217' (using password: YES)  
ubuntu@ip-172-31-9-217:~$ mysql -h database-1.csvgwzsjory.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.9.217' (using password: YES)  
ubuntu@ip-172-31-9-217:~$ mysql -h database-1.csvgwzsjory.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.9.217' (using password: YES)  
ubuntu@ip-172-31-9-217:~$ mysql -h database-1.csvgwzsjory.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
ERROR 1045 (28000): Access denied for user 'admin'@'172.31.9.217' (using password: YES)  
ubuntu@ip-172-31-9-217:~$ mysql -h database-1.csvgwzsjory.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 22  
Server version: 8.0.28 Source distribution  
  
Copyright (c) 2000, 2023, Oracle and/or its affiliates.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.
```

```
ubuntu@ip-172-31-9-217: ~  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> CREATE DATABASE db1;  
Query OK, 1 row affected (0.01 sec)  
  
mysql> use db1;  
Database changed  
mysql> CREATE TABLE tbl (id INT NOT NULL AUTO_INCREMENT, name VARCHAR(255) NOT NULL, PRIMARY KEY (id));  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(id))' at line 1  
mysql> CREATE TABLE tbl (id INT NOT NULL AUTO_INCREMENT, name VARCHAR(255) NOT NULL, PRIMARY KEY (id));  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(id))' at line 1  
mysql> CREATE TABLE tbl (id INT NOT NULL AUTO_INCREMENT, name VARCHAR(255) NOT NULL, PRIMARY KEY (id));  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(id))' at line 1  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| db1      |  
| information_schema |  
| mysql    |  
| performance_schema |  
| sys      |  
+-----+  
5 rows in set (0.00 sec)  
  
mysql> use db1;  
Database changed  
mysql> show tables;  
Empty set (0.00 sec)
```

```
ubuntu@ip-172-31-9-217: ~  
mysql> CREATE TABLE tbl (name VARCHAR(255));  
ERROR 1050 (42S01): Table 'tbl' already exists  
mysql> insert into (name) values ("ankit"), ("Song"), ("Dance");  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(name) values ("ankit"), ("Song"), ("Dance")' at line 1  
mysql> insert into (name) values ("ankit"), ("song"), ("dance");  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(name) values ("ankit"), ("song"), ("dance")' at line 1  
mysql> insert into tbl values ("ankit"), ("song"), ("dance");  
Query OK, 3 rows affected (0.02 sec)  
Records: 3 Duplicates: 0 Warnings: 0  
  
mysql> select * from tbl;  
+-----+  
| name |  
+-----+  
| ankit |  
| song  |  
| dance |  
+-----+  
3 rows in set (0.01 sec)  
  
mysql> insert into tbl (name) values ("dev"), ("prod");  
Query OK, 2 rows affected (0.00 sec)  
Records: 2 Duplicates: 0 Warnings: 0  
  
mysql> select * from tbl;  
+-----+  
| name |  
+-----+  
| ankit |
```



```
ubuntu@ip-172-31-9-217: ~  
t syntax to use near '(name) values ("ankit"), ("song"), ("dance")' at line 1  
mysql> insert into tb1 values ("ankit"), ("song"), ("dance");  
Query OK, 3 rows affected (0.02 sec)  
Records: 3 Duplicates: 0 Warnings: 0  
  
mysql> select * from tb1;  
+-----+  
| name |  
+-----+  
| ankit |  
| song |  
| dance |  
+-----+  
3 rows in set (0.01 sec)  
  
mysql> insert into tb1 (name) values ("dev"), ("prod");  
Query OK, 2 rows affected (0.00 sec)  
Records: 2 Duplicates: 0 Warnings: 0  
  
mysql> select * from tb1;  
+-----+  
| name |  
+-----+  
| ankit |  
| song |  
| dance |  
| dev |  
| prod |  
+-----+  
5 rows in set (0.01 sec)  
  
mysql>
```

32°C  
Partly sunny

Search

ENG  
IN

17:38  
23-03-2023