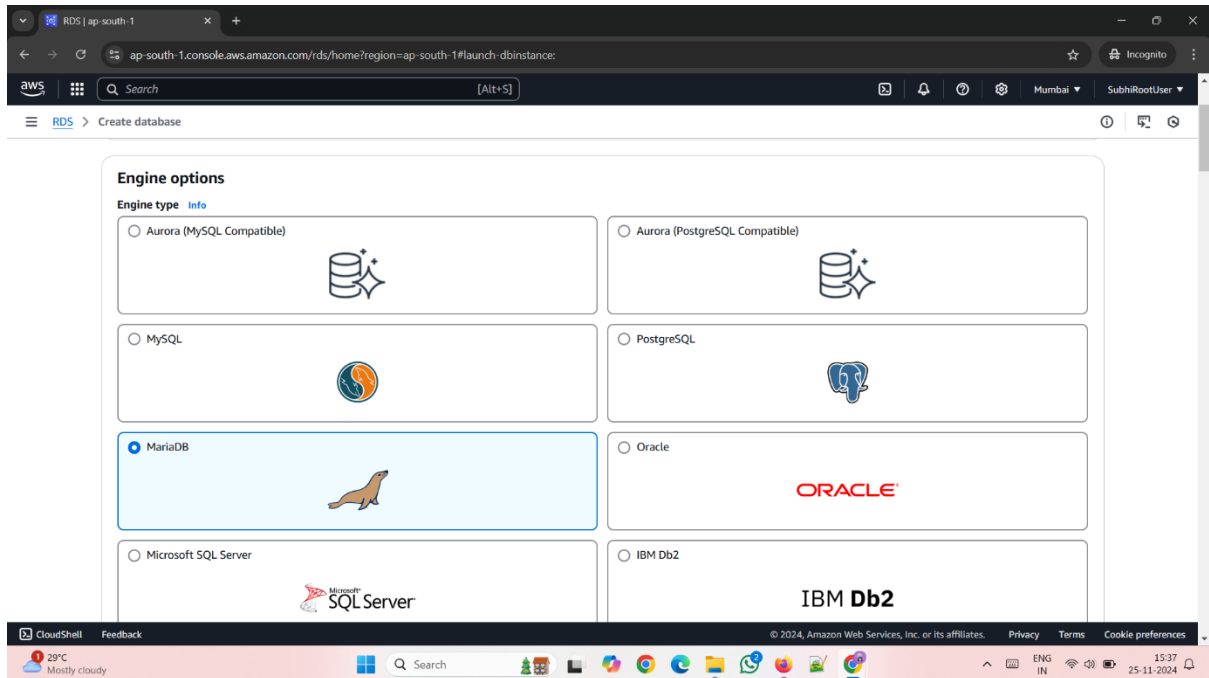
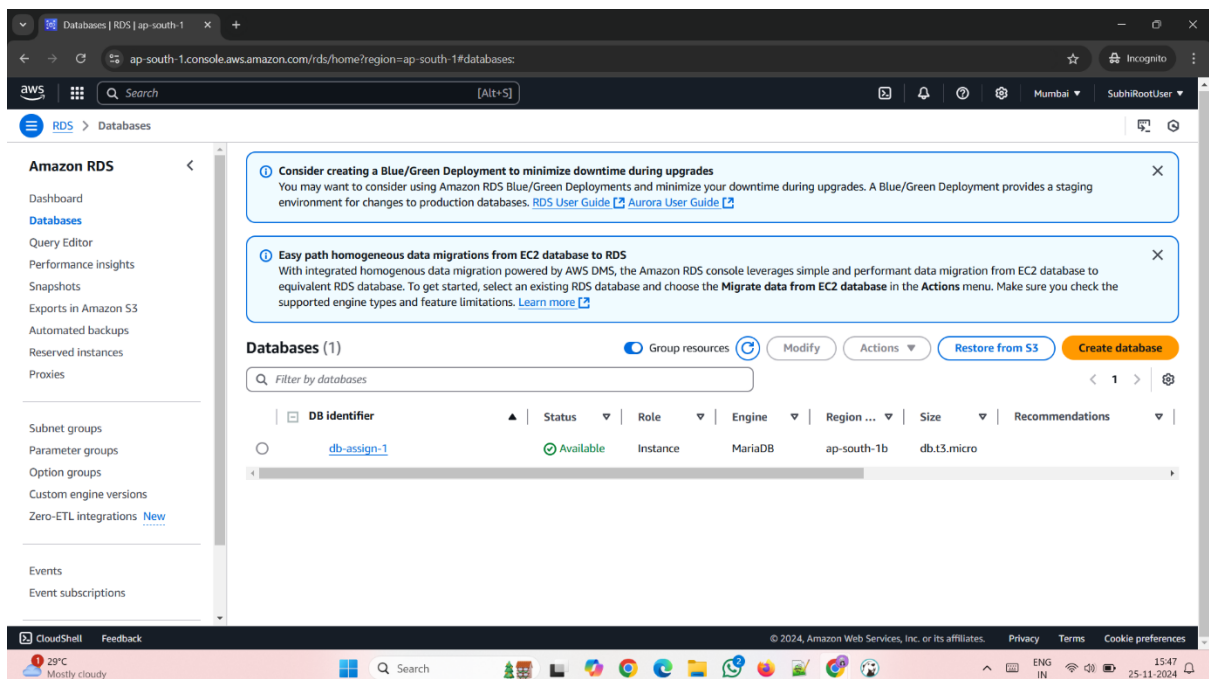


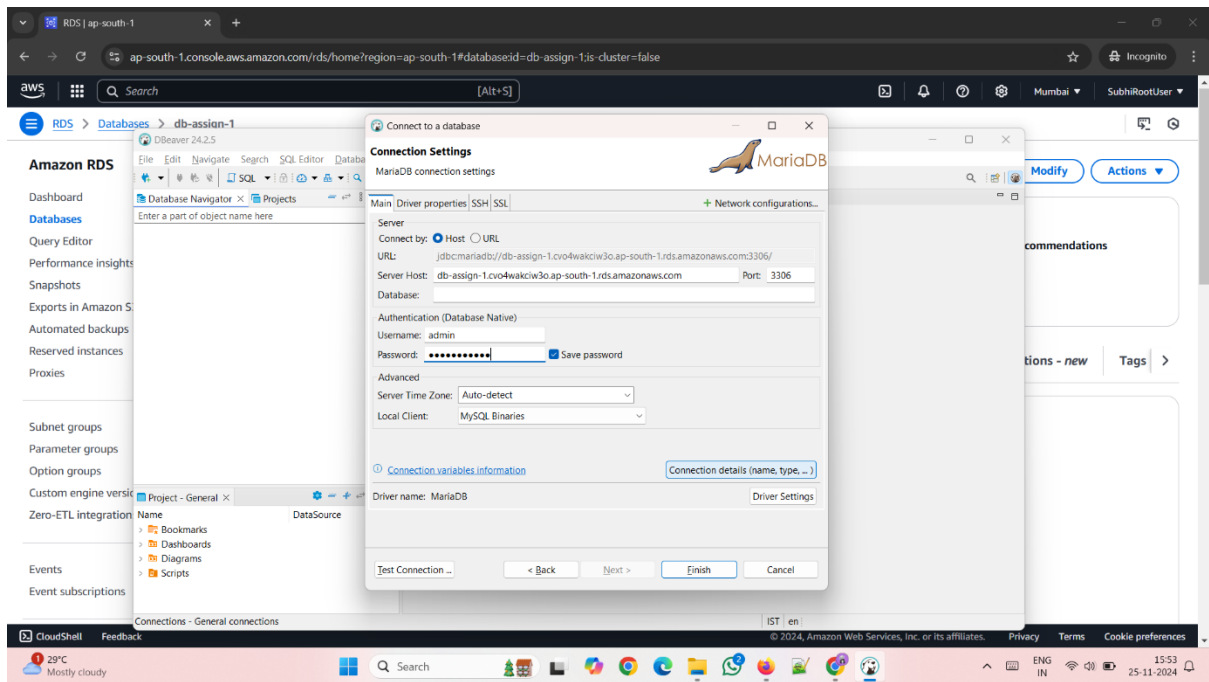
DATABASE-ASSIGNMENT-1



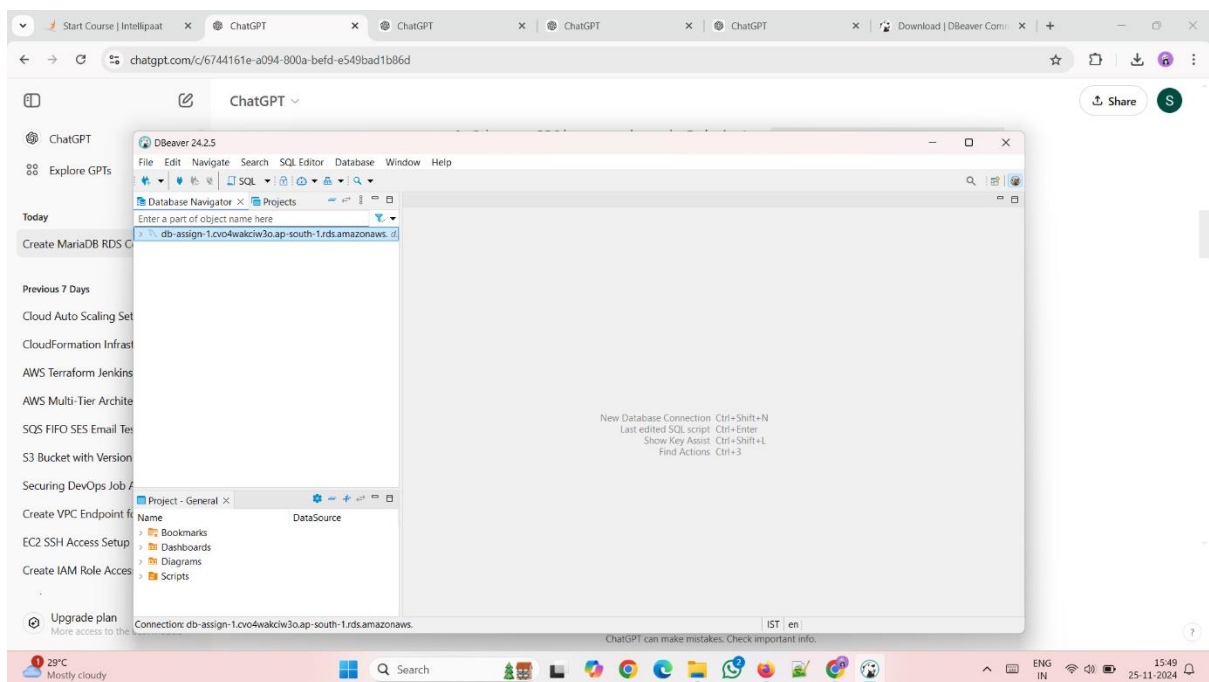
Creating a MariaDB Database



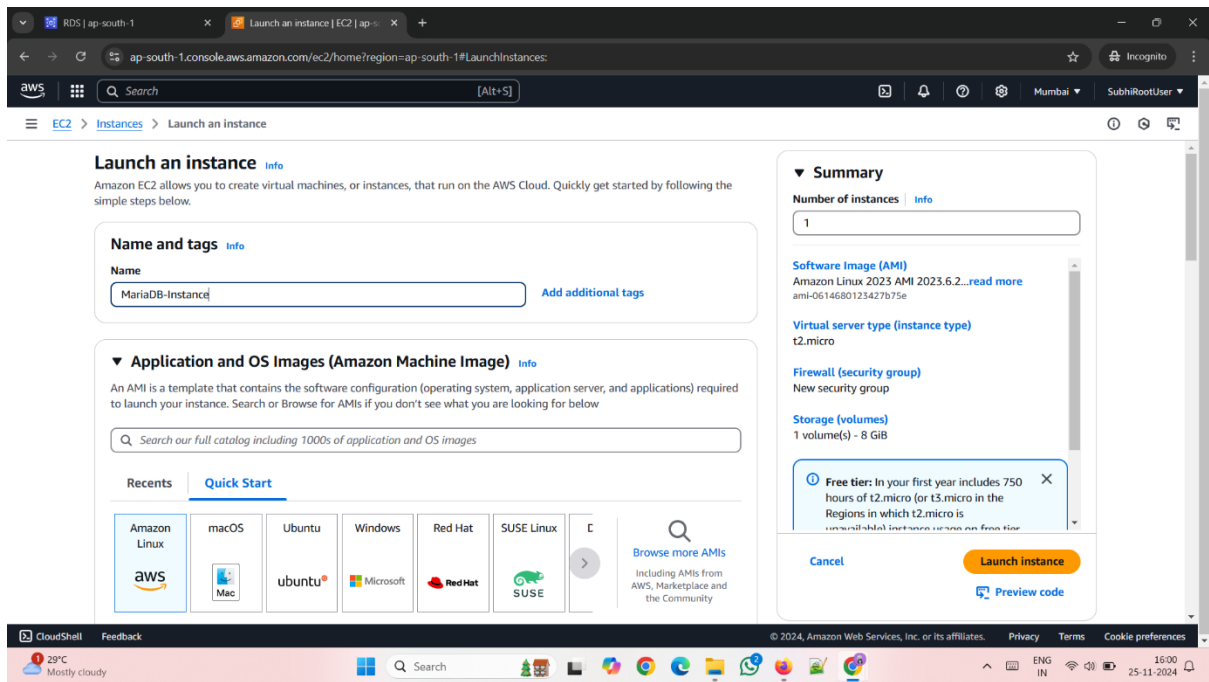
DB is created



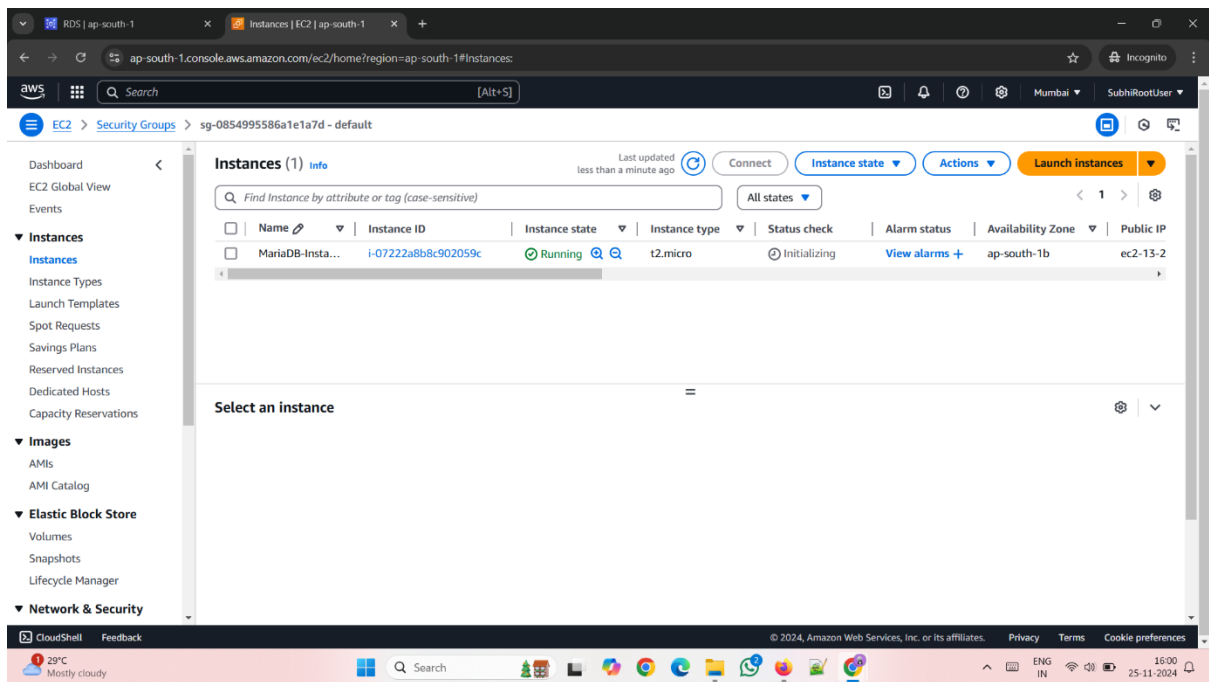
Connecting to DBeaver using the endpoint, username and password



The DB is connected



Creating an EC2 instance to connect through the instance



EC2 Instance is created

```
ubuntu@ip-172-31-2-167:~$ sudo apt install mariadb-client -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libmariadb3 libmysqlclient21 mariadb-client-10.6 mariadb-client-core-10.6 mariadb-common mysql-common
Suggested packages:
  libclone-perl libmldbm-perl libnet-daemon-perl libssl-statement-perl
The following NEW packages will be installed:
  libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libmariadb3 libmysqlclient21 mariadb-client mariadb-client-10.6 mariadb-client-core-10.6 mariadb-common
mysql-common
0 upgraded, 10 newly installed, 0 to remove and 29 not upgraded.
Need to get 4891 kB of archives.
After this operation, 50.3 MB of additional disk space will be used.
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libdbi-perl amd64 1.643-3build3 [741 kB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7212 B]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libmysqlclient21 amd64 8.0.40-0ubuntu0.22.04.1 [1308 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 libdbd-mysql-perl amd64 4.050-Subuntu0.22.04.1 [87.6 kB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 mariadb-common all 1:10.6.18-0ubuntu0.22.04.1 [16.5 kB]
Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 libmariadb3 amd64 1:10.6.18-0ubuntu0.22.04.1 [181 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libconfig-inifiles-perl all 3.000003-1 [40.5 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 mariadb-client-core-10.6 amd64 1:10.6.18-0ubuntu0.22.04.1 [974 kB]
Get:9 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 mariadb-client-10.6 amd64 1:10.6.18-0ubuntu0.22.04.1 [1523 kB]
Get:10 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 mariadb-client all 1:10.6.18-0ubuntu0.22.04.1 [11.6 kB]
Fetched 4891 kB in 0s (53.3 MB/s)
Selecting previously unselected package libdbi-perl:amd64.
(Reading database ... 65783 files and directories currently installed.)
Preparing to unpack .../0-libdbi-perl_1.643-3build3_amd64.deb ...
```

i-07585c63cb28fd882 (MariaDB-Instance)

PublicIPs: 3.109.123.110 PrivateIPs: 172.31.2.167

Installing mysql-client on the instance

```
Setting up mariadb-client-core-10.6 (1:10.6.18-0ubuntu0.22.04.1) ...
Setting up libdbd-mysql-perl:amd64 (4.050-Subuntu0.22.04.1) ...
Setting up mariadb-client-10.6 (1:10.6.18-0ubuntu0.22.04.1) ...
Setting up mariadb-client (1:10.6.18-0ubuntu0.22.04.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.8) ...
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.

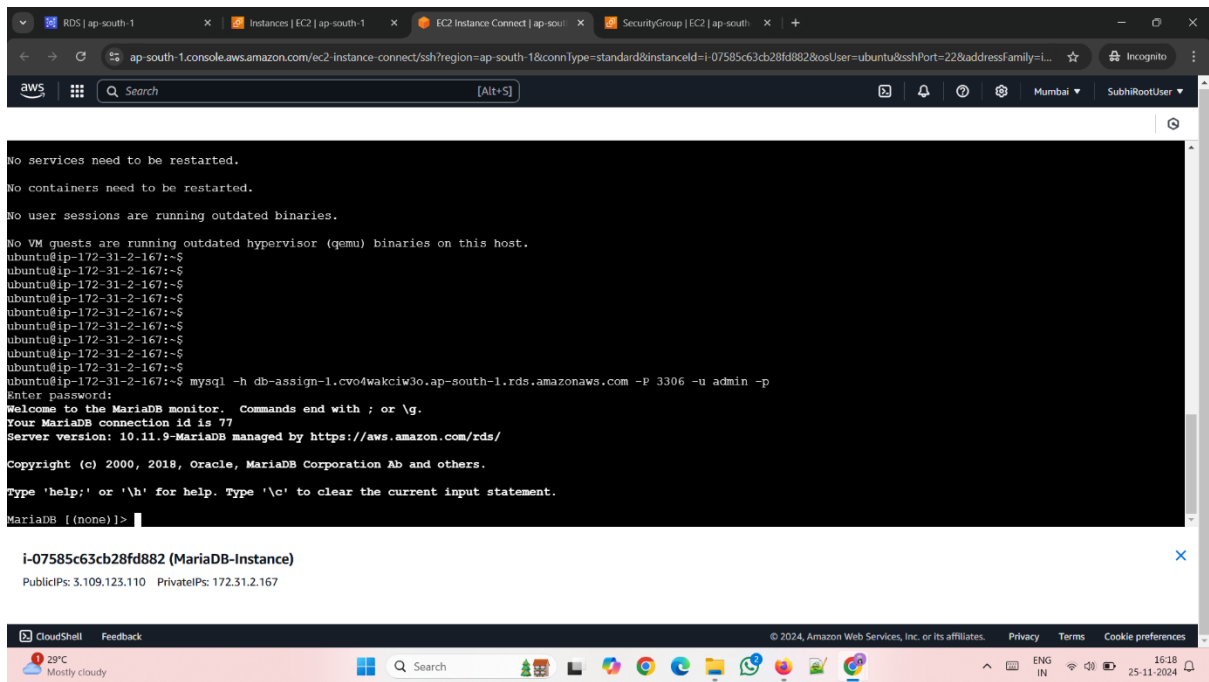
No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$
ubuntu@ip-172-31-2-167:~$ mysql -h db-assign-1.cvo4wakciw3o.ap-south-1.rds.amazonaws.com -P 3306 -u admin -p
```

i-07585c63cb28fd882 (MariaDB-Instance)

PublicIPs: 3.109.123.110 PrivateIPs: 172.31.2.167

Connecting to the DB with endpoint, username and password



It has successfully connected to DB