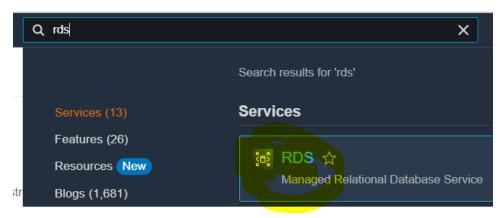


AWS RDS documents

IN this document explaining how to create Mysql, Mssql, databases using AWS RDS service.

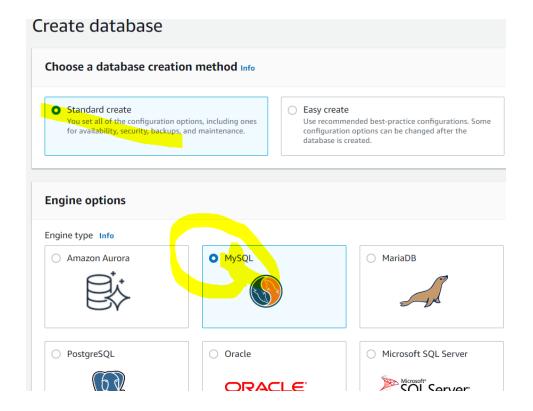
RDS used to create different databses like mysql, mssql, oracle, but oracle, arora db paid remaining databases free tier available (one year no need to pay any bill)



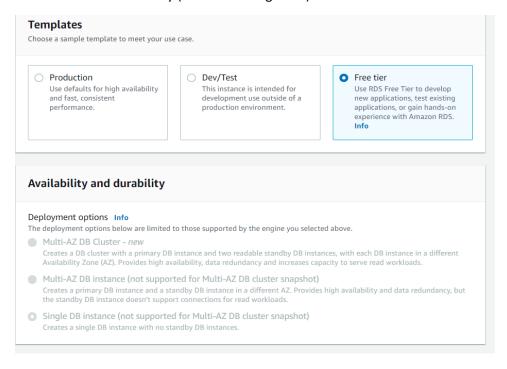
First go to aws serch box and type rds



Click on ..



Must choose Free tire only (otherwise u ll get bill)



Settings DB instance identifier Info Type a name for your DB instance. The name must be unique across all DB instances owned by Region. mysqslatabase The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstanc characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens **▼** Credentials Settings Master username Info Type a login ID for the master user of your DB instance. myuser 1 to 16 alphanumeric characters. First character must be a letter. ☐ Manage master credentials in AWS Secrets Manager Manage master user credentials in Secrets Manager. RDS can generate a password for you manage it throughout its lifecycle. Auto generate a password Amazon RDS can generate a password for you, or you can specify your own password. Master password Info ••••• Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), Confirm master password Info •••••

Instance configuration

The DB instance configuration options below are limited to those supported



Amazon RDS Optimized Writes - new Info

Show instance classes that support Amazon RDS (

DB instance class Info

- Standard classes (includes m classes)
- Memory optimized classes (includes r and x classes)
- Burstable classes (includes t classes)

db.t3.micro

2 vCPUs 1 GiB RAM Network: 2,085 Mbps

Include previous generation classes

Storage

Storage type Info

General Purpose SSD (gp2)

Storage Storage type Info General Purpose SSD (gp2) Baseline performance determined by volume size Allocated storage 20 The minimum value is 20 GiB and the maximum value is 6,144 GiB Storage autoscaling Info Provides dynamic scaling support for your database's storage based on Enable storage autoscaling Enabling this feature will allow the storage to increase after the sp exceeded. Maximum storage threshold Info Charges will apply when your database autoscales to the specified thre 1000 The minimum value is 22 GiB and the maximum value is 6,144 GiB

Public access must be yes, otherwise ur unable to access from ur local system.



Yes

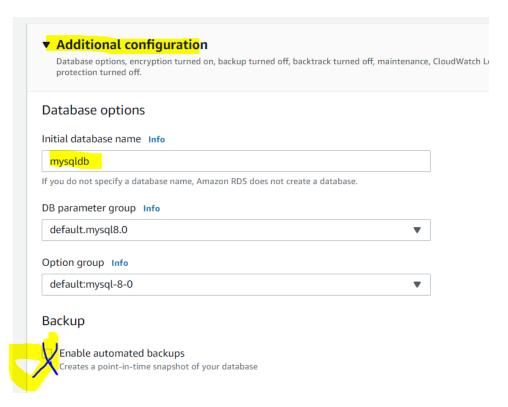
RDS assigns a public IP address to the c your database. Resources inside the VP which resources can connect to the dat

 \bigcirc No

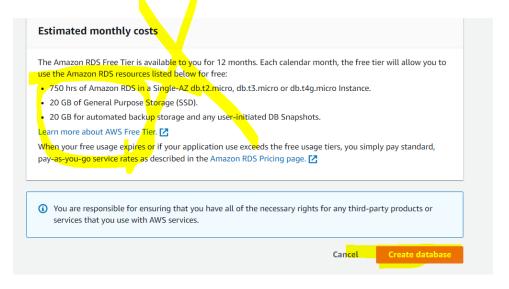
RDS doesn't assign a public IP address to connect to your database. Choose one

VPC security group (firewall) Info

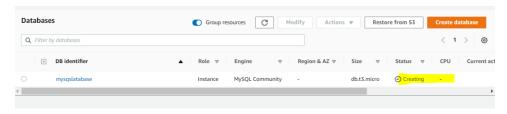
Choose one or more VPC security groups to appropriate incoming traffic.

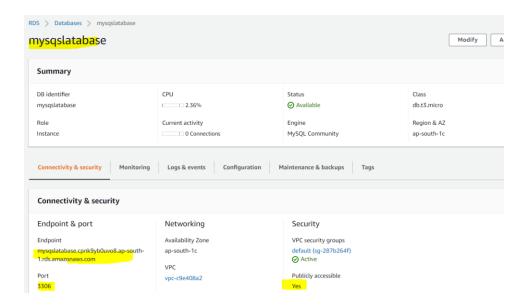


Un check backup... otherwise yu will get bill

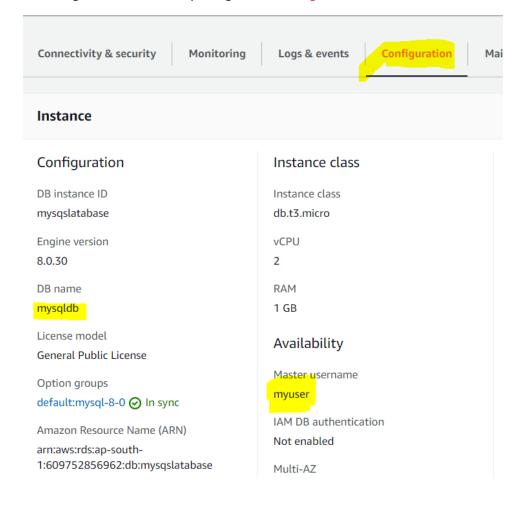


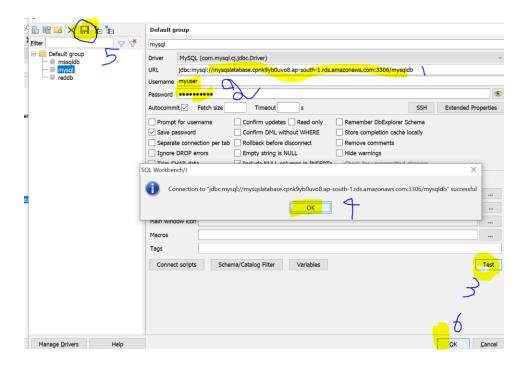
If u get like above there is no any bill.





You will get database name you II get from configuration tab





Hostname: jdbc:mysql://mysqslatabase.cpnk9yb0uvo8.ap-south-1.rds.amazonaws.com:3306/mysqldb

Username: myuser

Password: mypassword

How to connect sql workbench follow this video $\underline{\text{Connect Oracle Mysql Mssql using sqlWorkbench AWS}}$ $\underline{\text{RDS connect}}$ or $\underline{\text{https://www.youtube.com/watch?v=-l2dGGDMUnU}}$

Connect Different databases using SqlWorkbench

Call: +91-8500002025







www.sreyobhilashiit.com



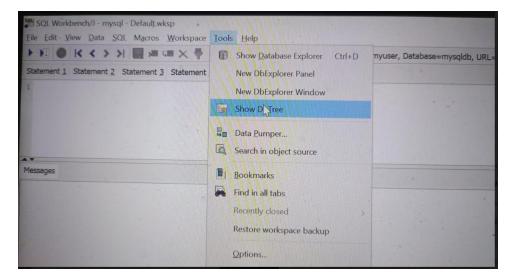
Pls download this driver folder place in bigdata folder

https://drive.google.com/drive/folders/1R26gs_ekebuwIEHEne96-dnFNiCXcadv?usp=share_link

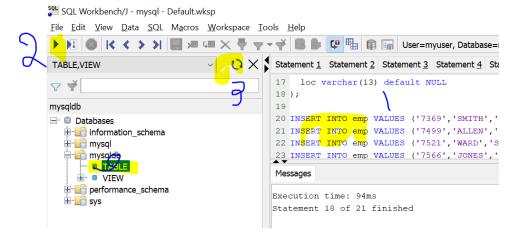
For more details

It will take little time to create max 5 minutes...

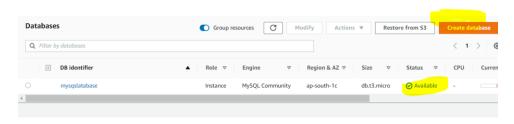
To connect this database you must have different tools using Sql workbench or dbViewer Please follow this video to configure



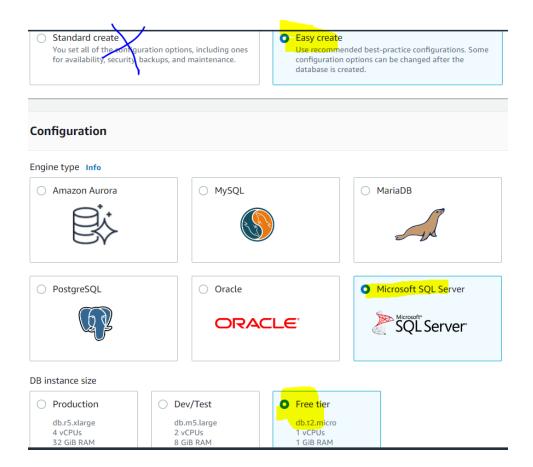
https://justinsomnia.org/2009/04/the-emp-and-dept-tables-for-mysql/



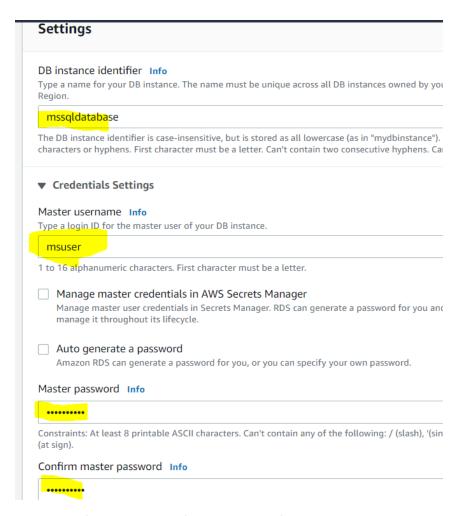
Now create MSSQL database



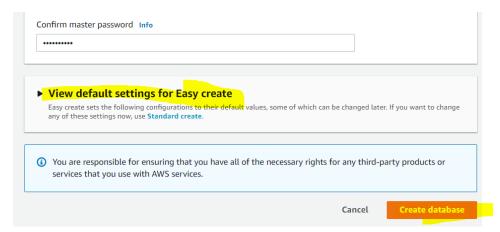
Must choose Easy create only



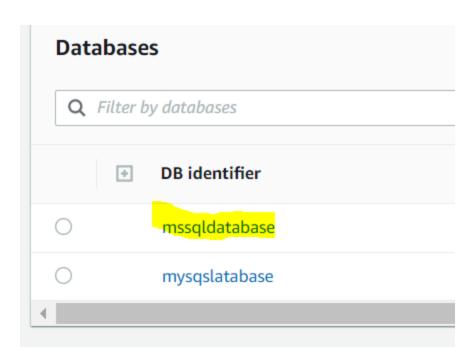
Now create mssql database using these credentials

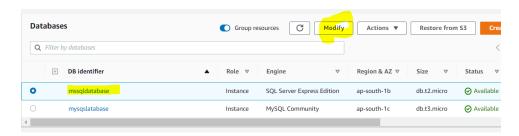


Like mysql if u want to modify everything in freetire is not possible not recommended.

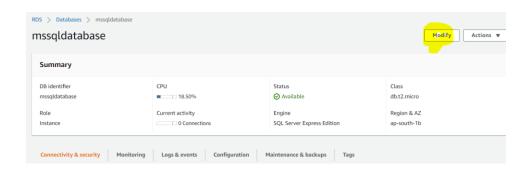


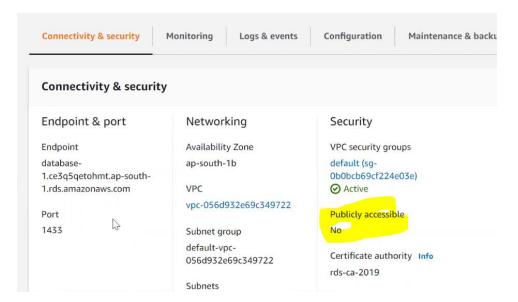
Usually it will take 15 minutes to create database.



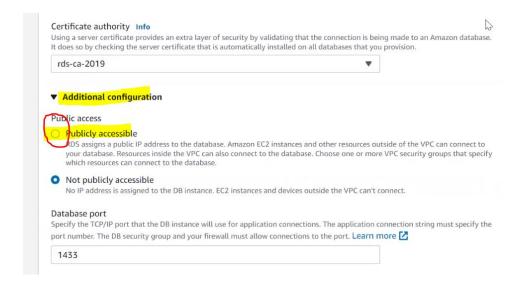


Pls go to moidfy ...

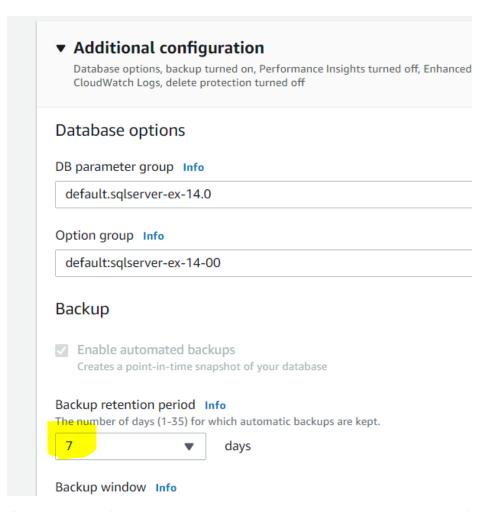




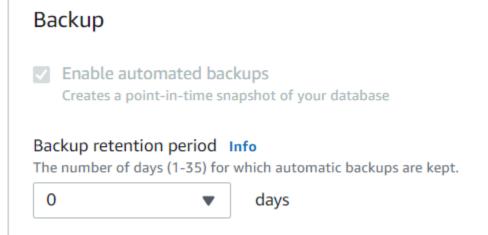
Next scroll down click on Additional configuration Must choose public accessible otherwise ur unable to connect

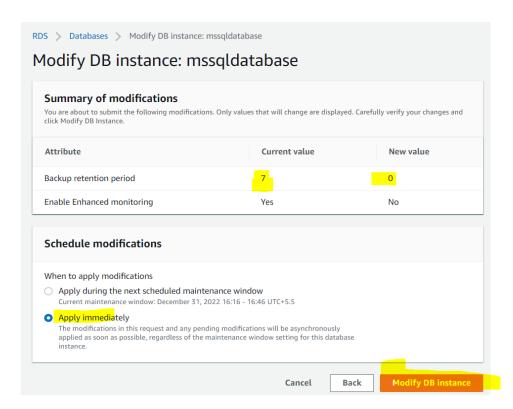


If public access is No, ur unable to connect database so change to yes



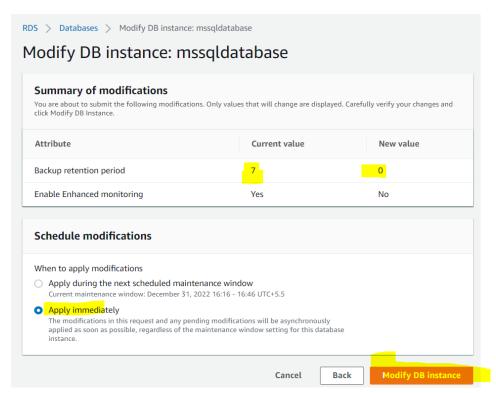
If u take back up for every 7 days ull get bill so change to 0 (means no backup)

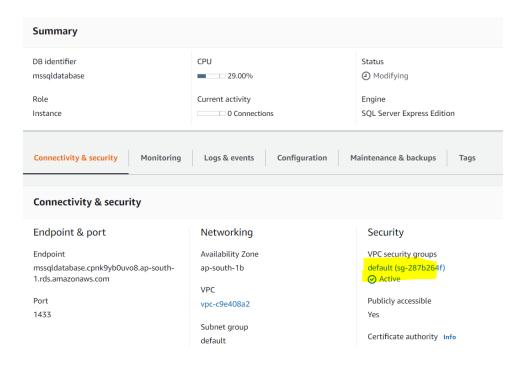


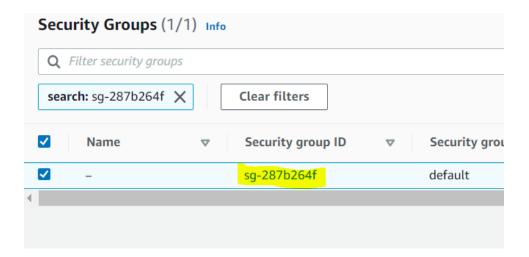


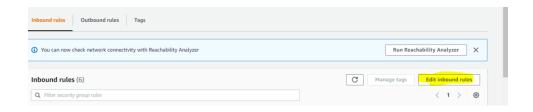
If u choose apply immediately it's reflected immediately, otherwise it II take to reflect little tile (TTL) to apply ur settings.

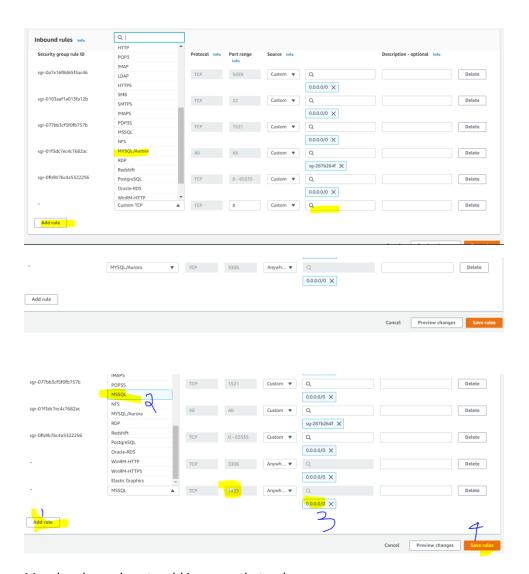
Now connect











Mysql and mssql ports add in group that only u can access

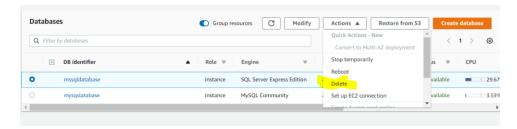
If you are unable to connect use that... in 7 th page first pic shows how to connect.

Usually 2 reasons to unable to connect 1) public accessable ..no (change to yes) 2) security group mysql (0.0.0.0/0)

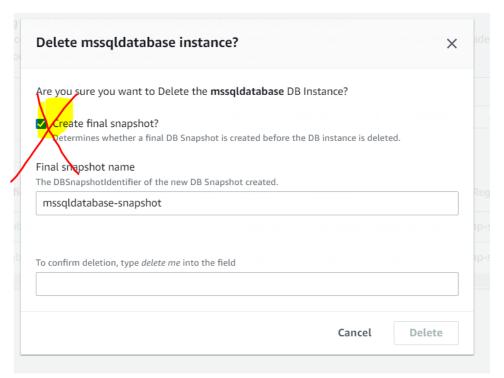
Usually if u maintain multiple databases u ll get bill in future

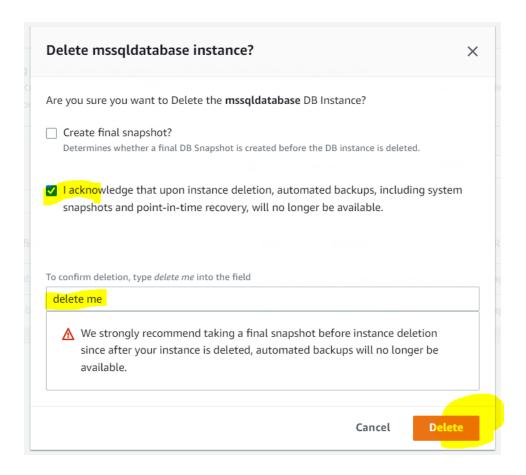
So it's recommended to terminate one instance and maintain one database only.

Like this

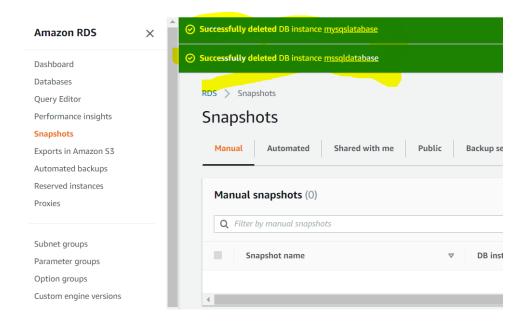


If u take final snapshot u ll get bill. So uncheck that..

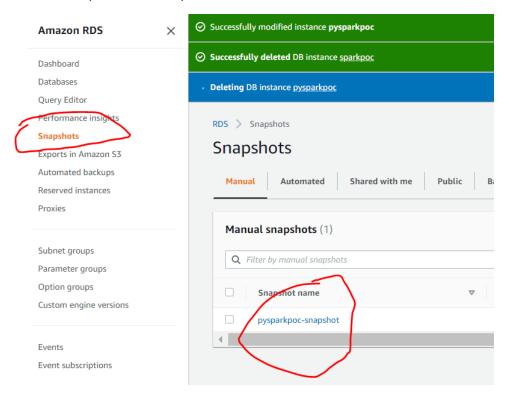




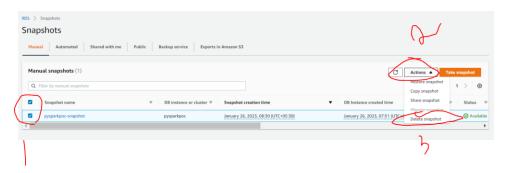
Please check snapshots if u have any snapshots please delete that snapshots otherwise you will get bill.



If u have snapshots like this pls terminate it



Pls terminate otherwise u ll get bill



So in future there is no any bill now. The main reason all snapshots deleted.

