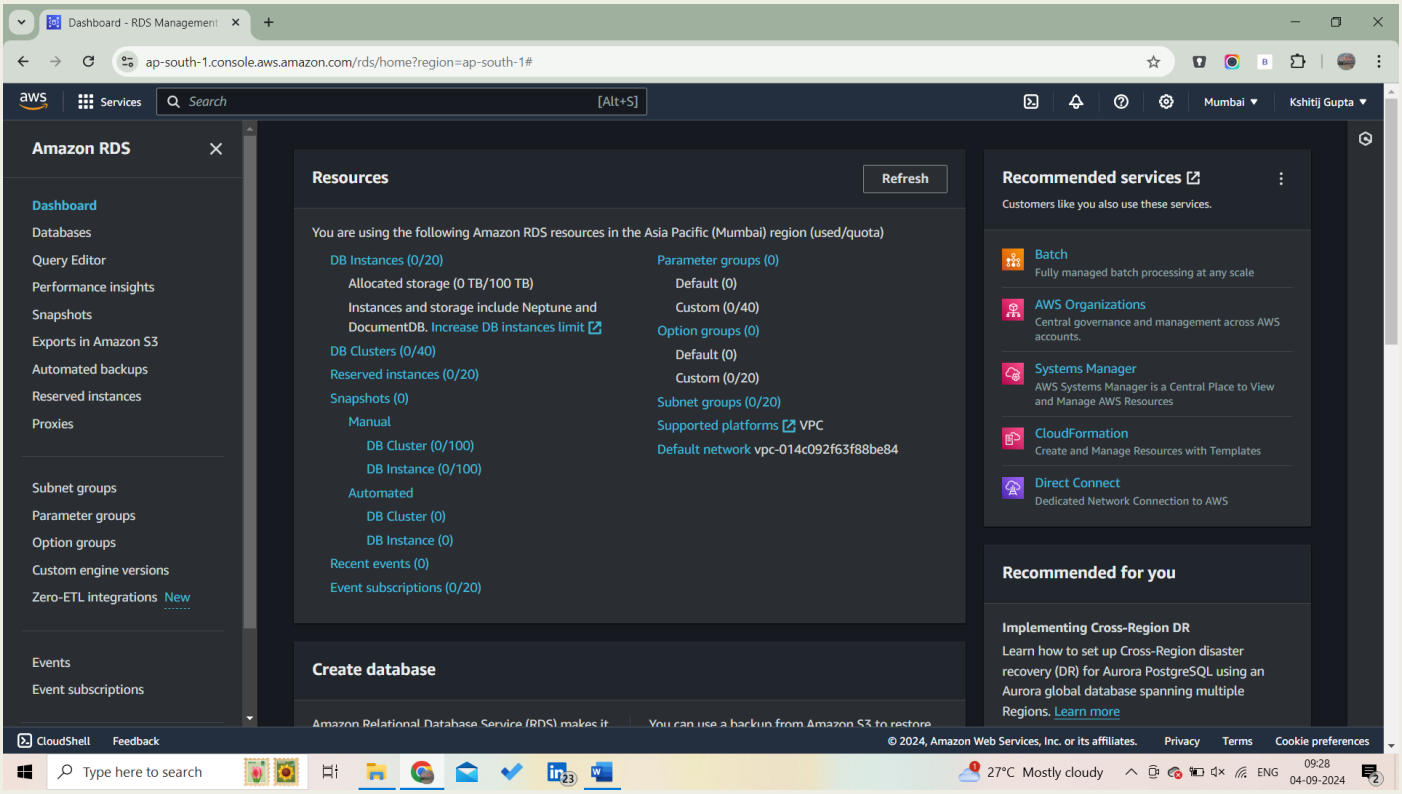
NAME: KSHITIJ GUPTA
Enrolment Number: 21162101007
Sub: CCE

Practical – 7[Batch-71]

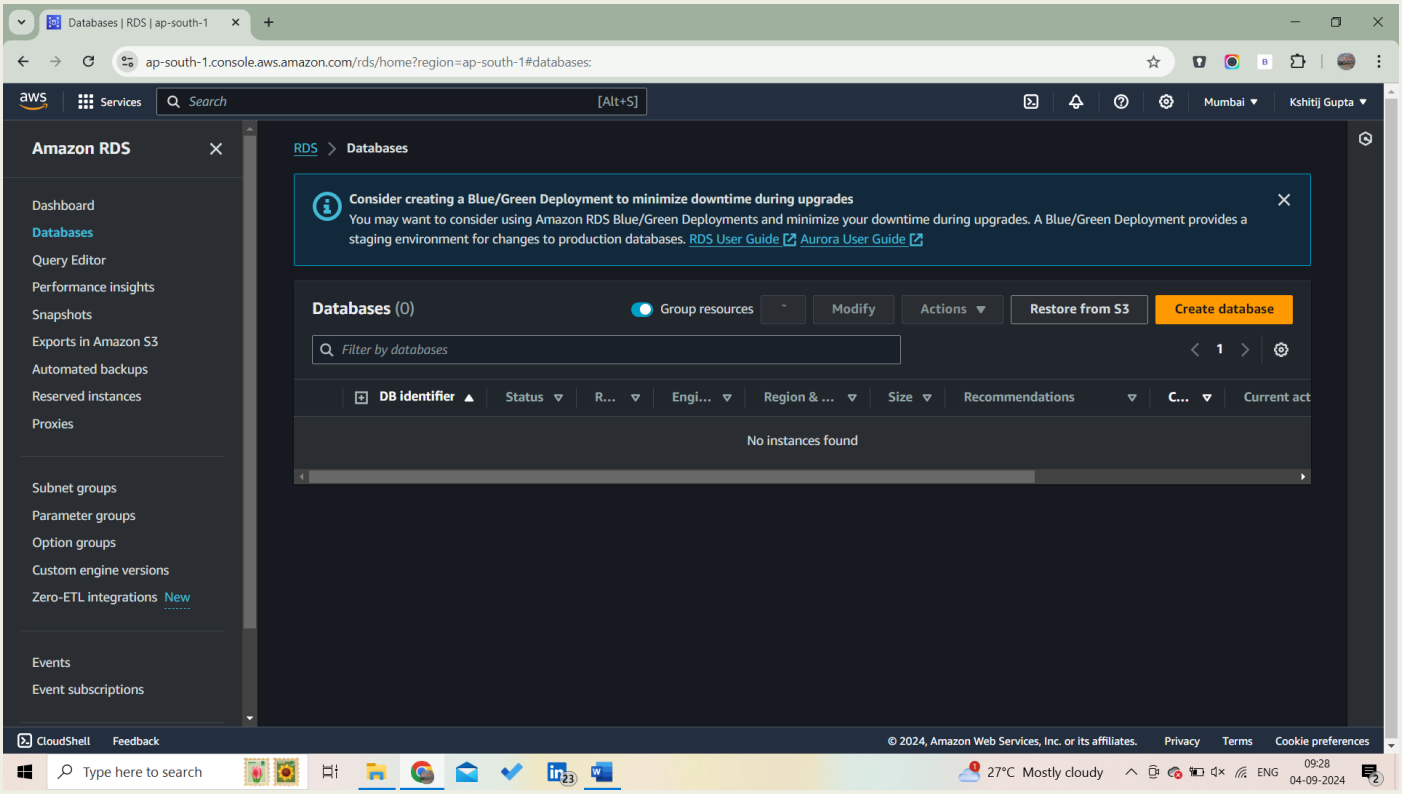
Demonstration of Database Service RDS along with configuration.

Steps:

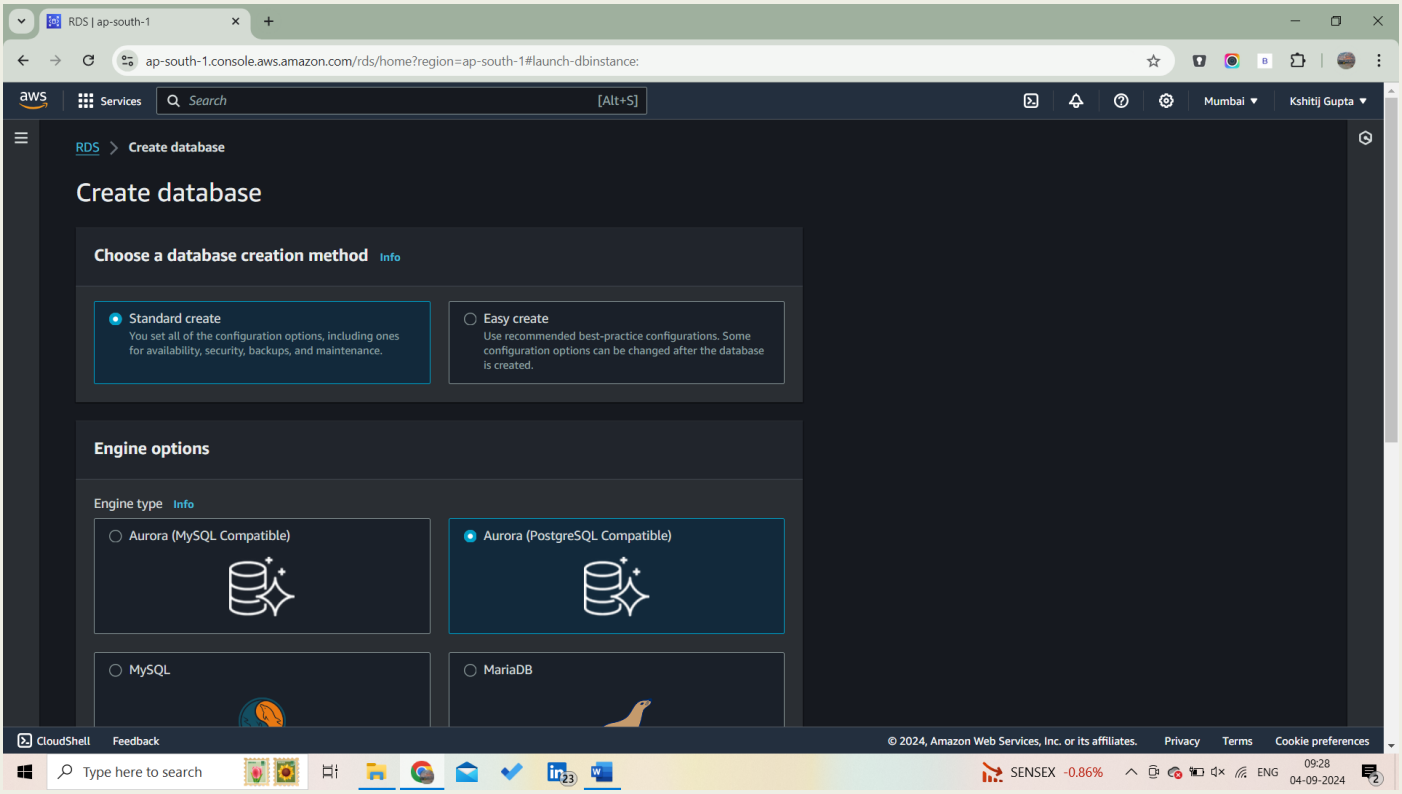
- Go to RDS dashboard



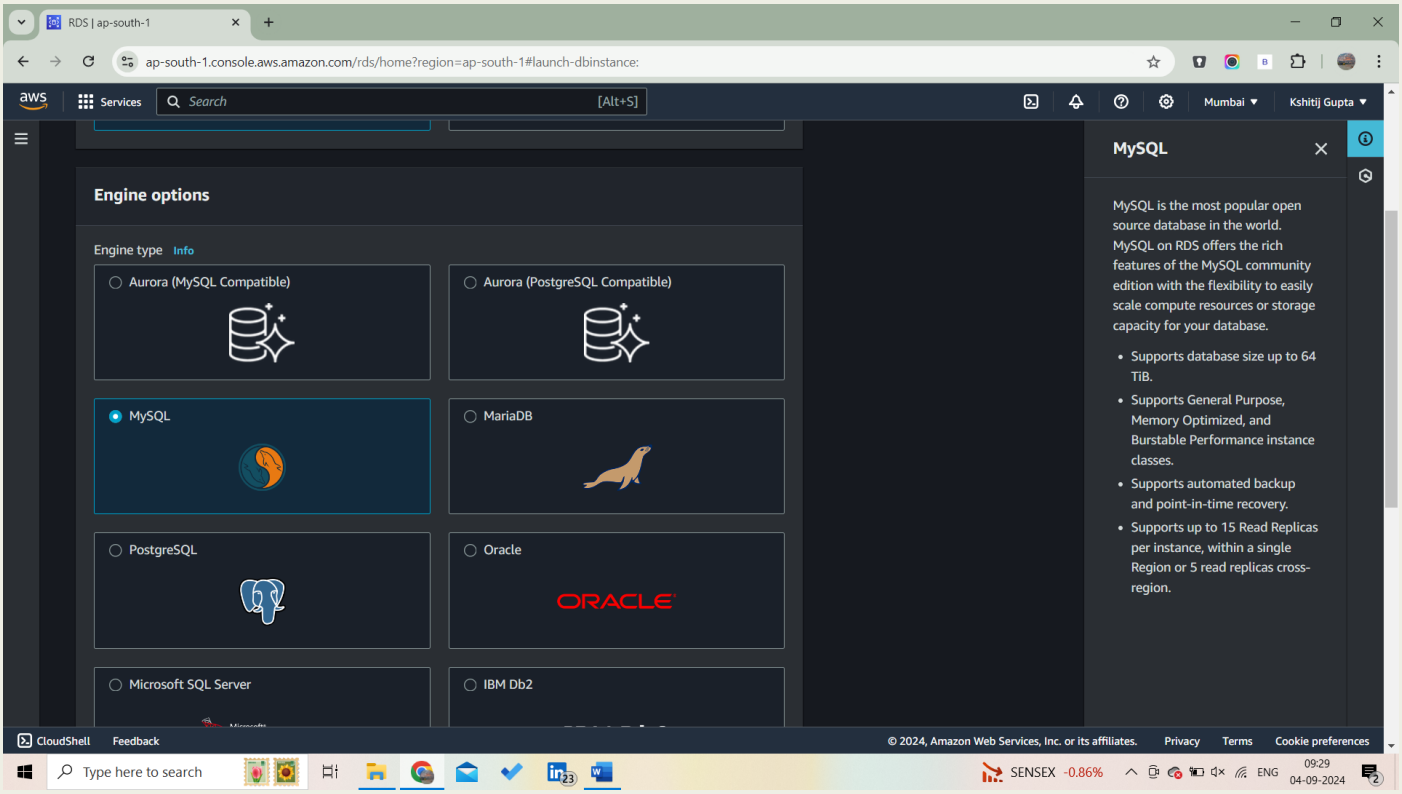
Scroll down and click on create database



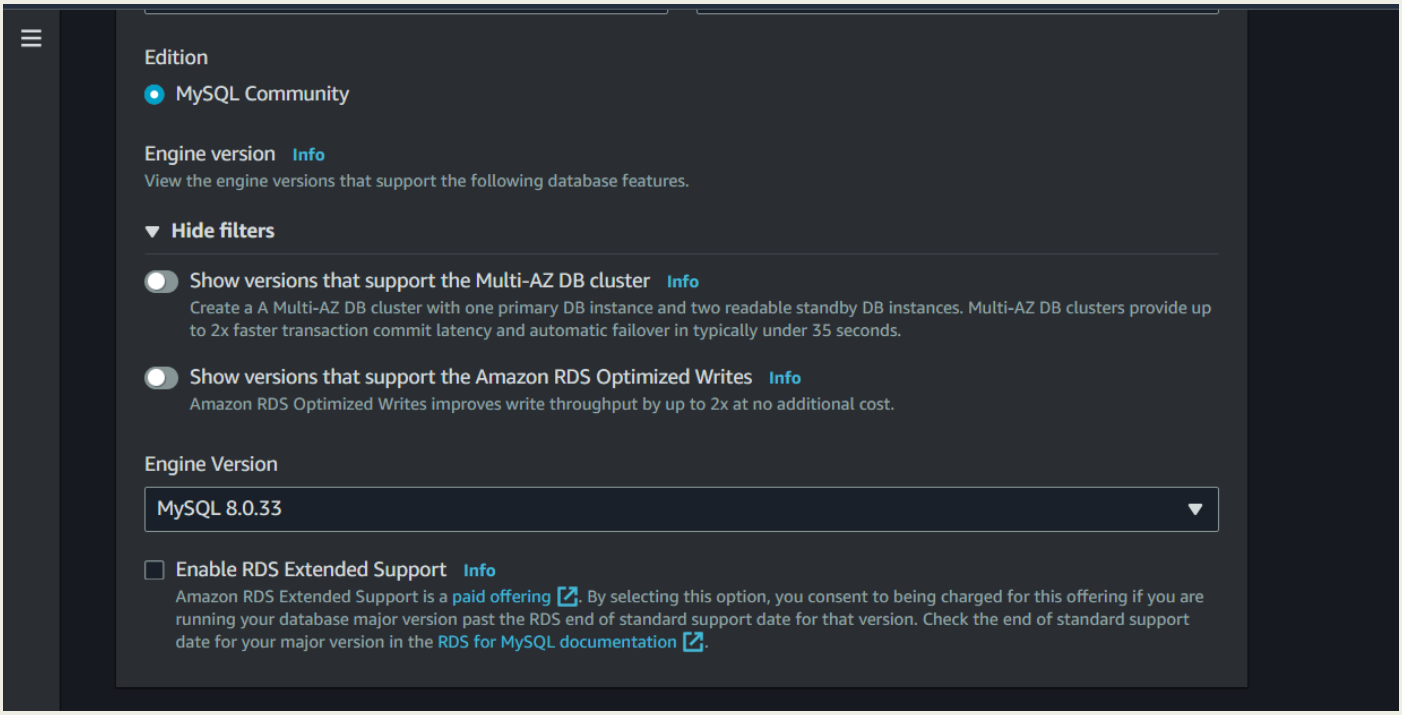
Select standard mode



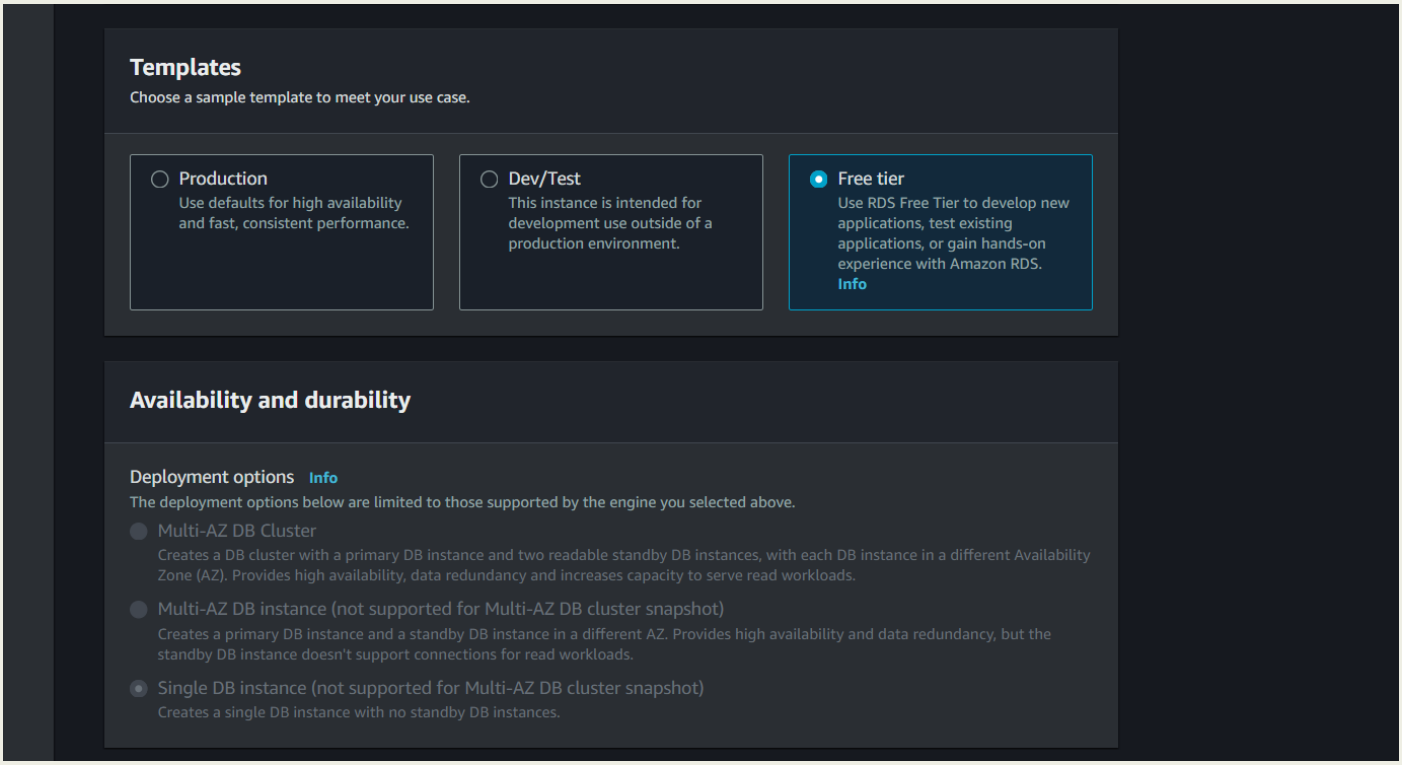
Select MySql engine



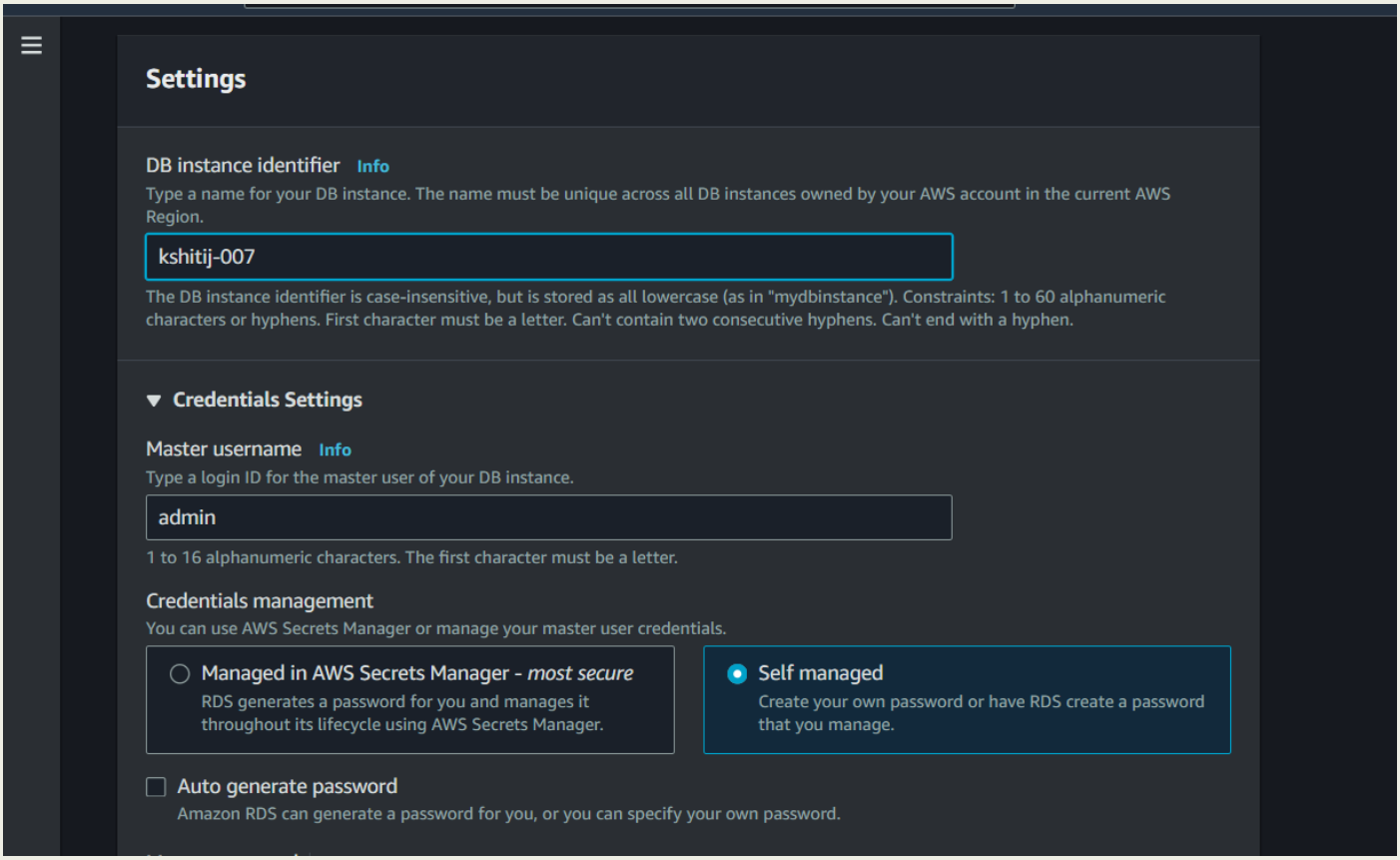
Select the version for the engine



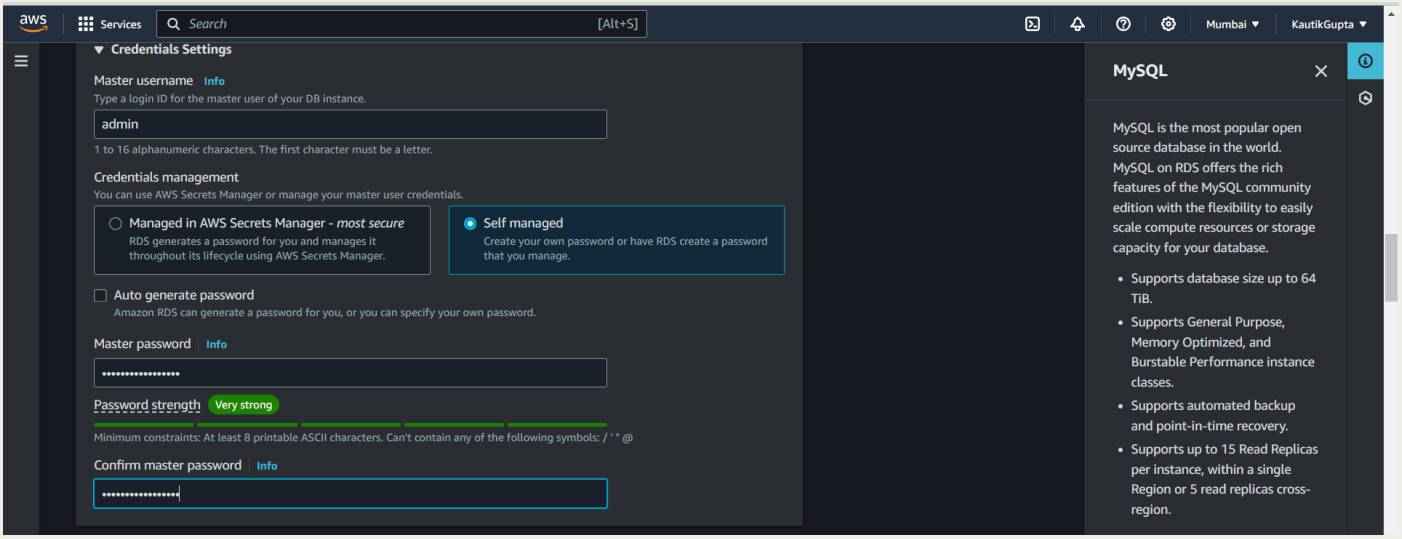
Select free tier template



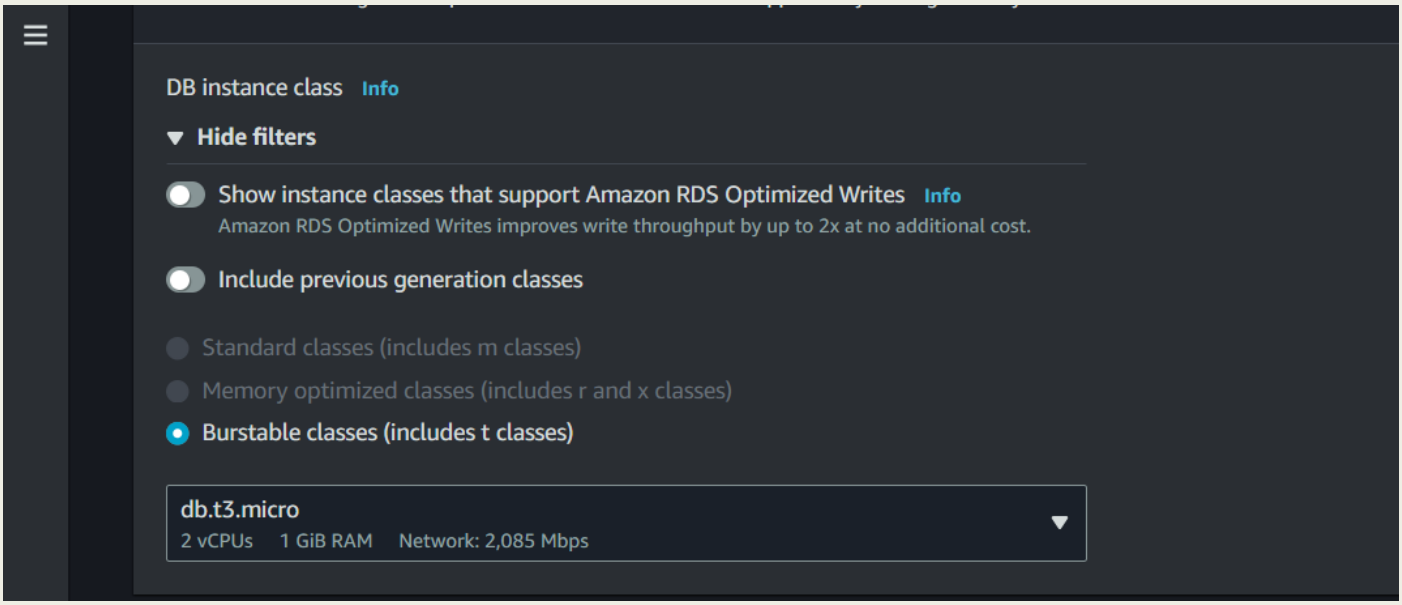
Now provide database name and master username



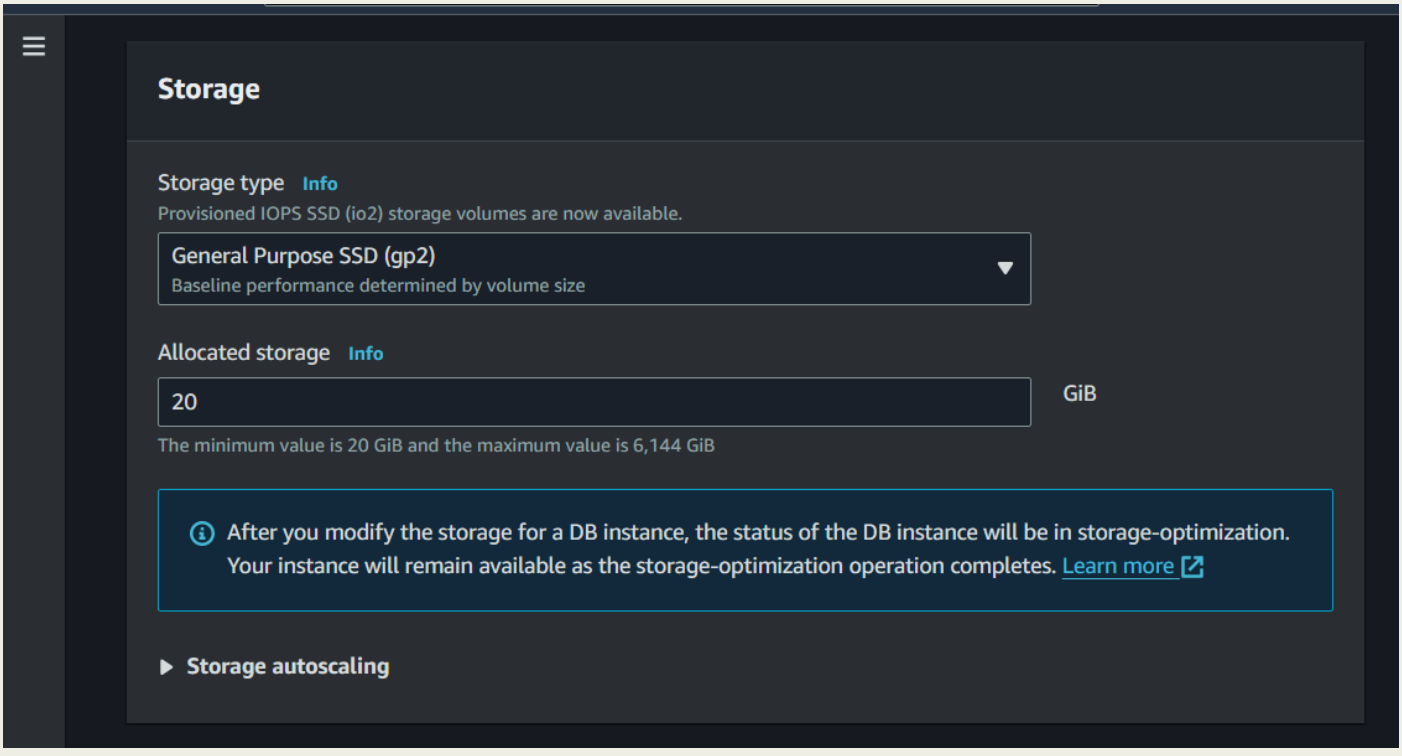
Set and confirm password



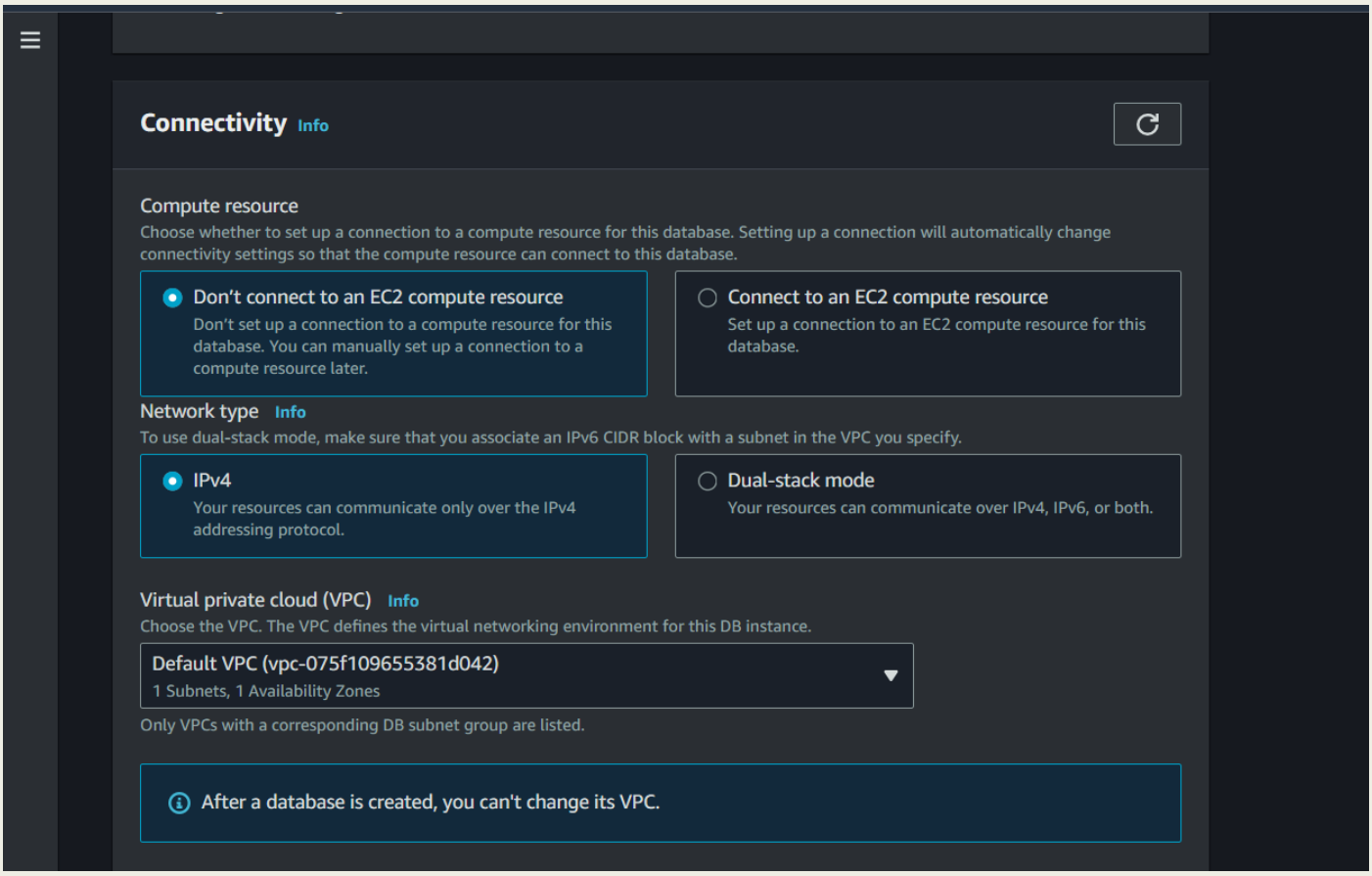
Select the db instance type



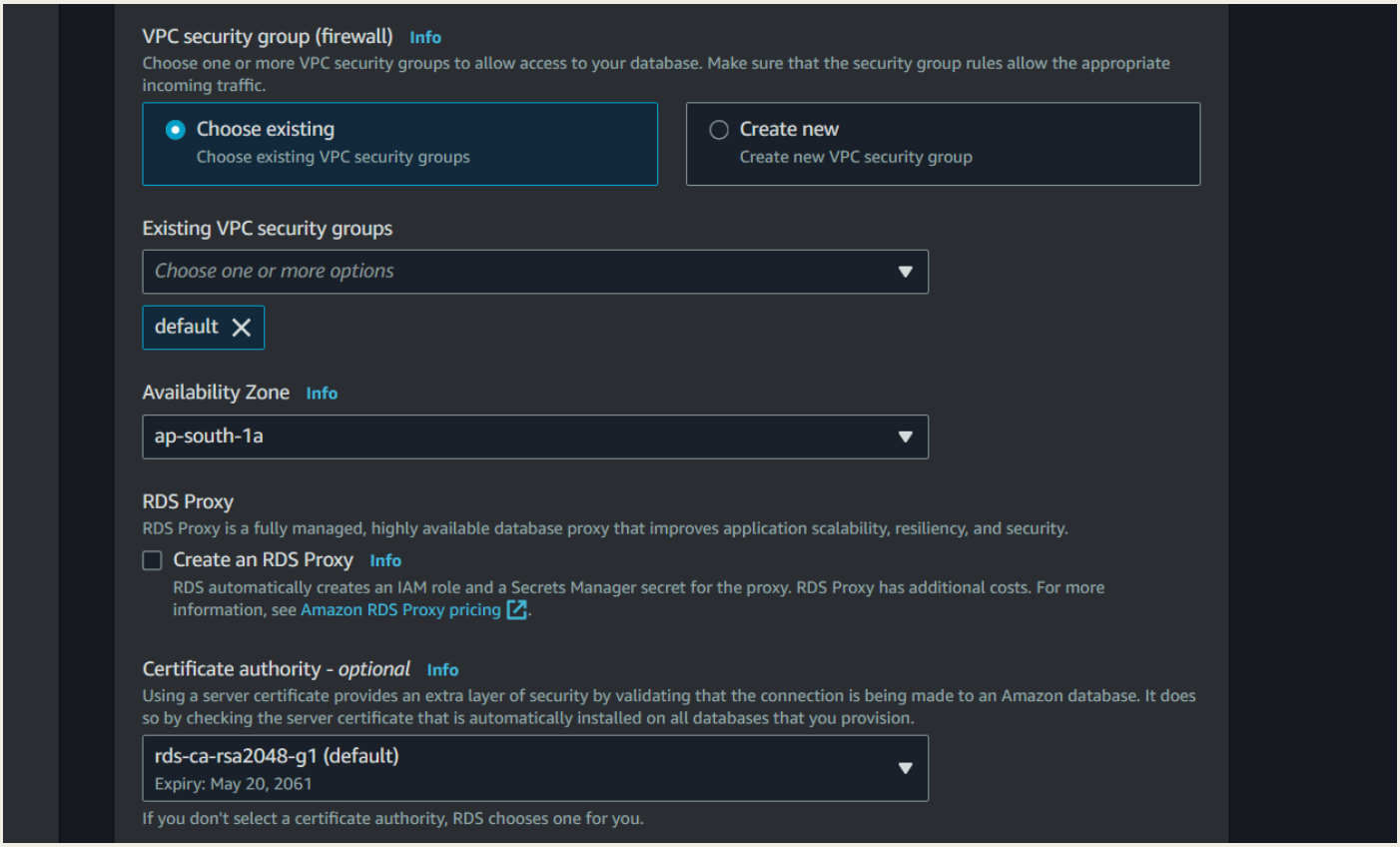
Configure storage



Currently not connecting it to EC2 instance



Keep public access as No and select default VPC and select the AZ



Here you can see the estimated costing

Estimated Monthly costs

DB instance	18.25 USD
Storage	2.62 USD
Total	**20.87 USD**

This billing estimate is based on on-demand usage as described in Amazon RDS Pricing. Estimate does not include costs for backup storage, IOs (if applicable), or data transfer.

Estimate your monthly costs for the DB Instance using the AWS Simple Monthly Calculator.

Estimated monthly costs

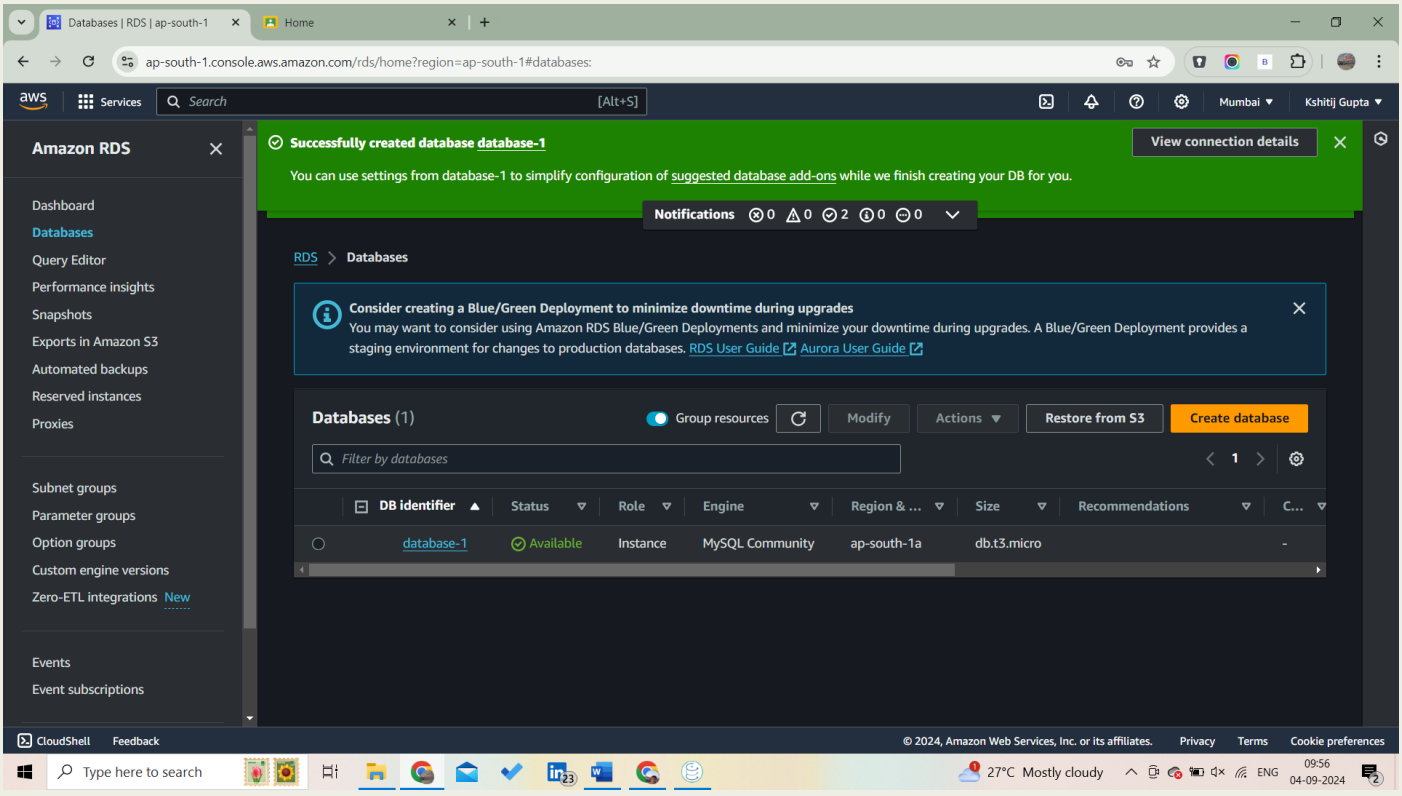
The Amazon RDS Free Tier is available to you for 12 months. Each calendar month, the free tier will allow you to use the Amazon RDS resources listed below for free:

- 750 hrs of Amazon RDS in a Single-AZ db.t2.micro, db.t3.micro or db.t4g.micro Instance.
- 20 GB of General Purpose Storage (SSD).
- 20 GB for automated backup storage and any user-initiated DB Snapshots.

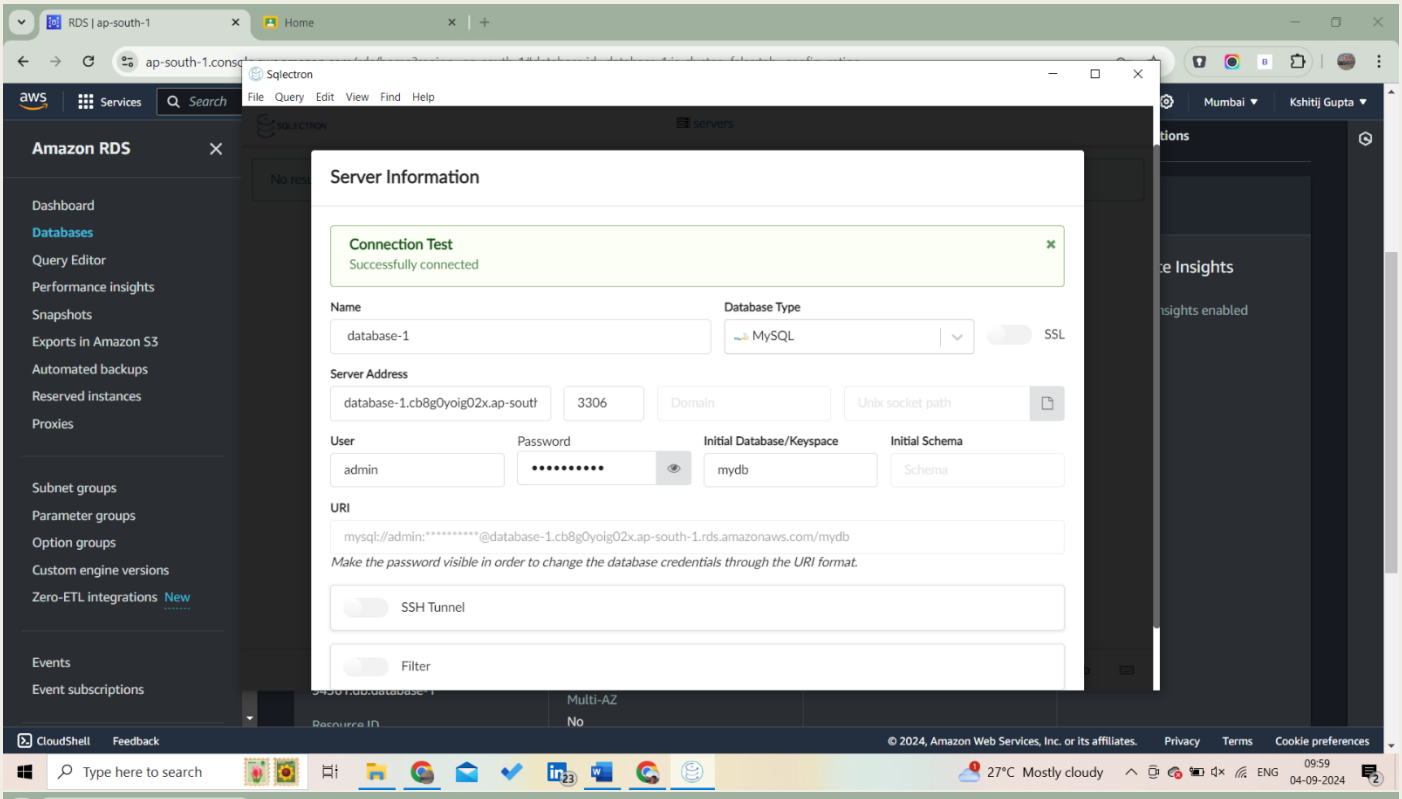
Learn more about AWS Free Tier.

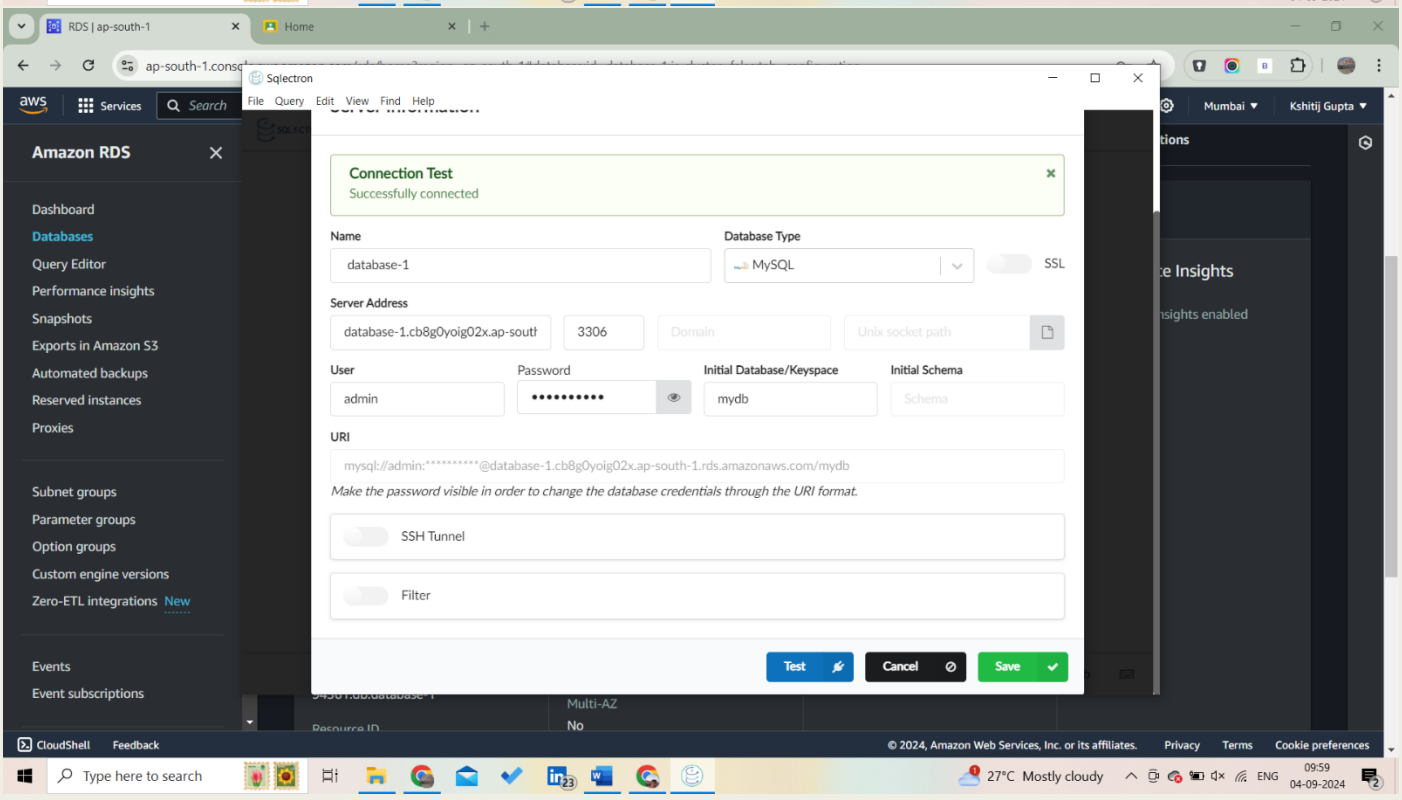
When your free usage expires or if your application use exceeds the free usage tiers, you simply pay standard, pay-as-you-go service rates as described in the Amazon RDS Pricing page.

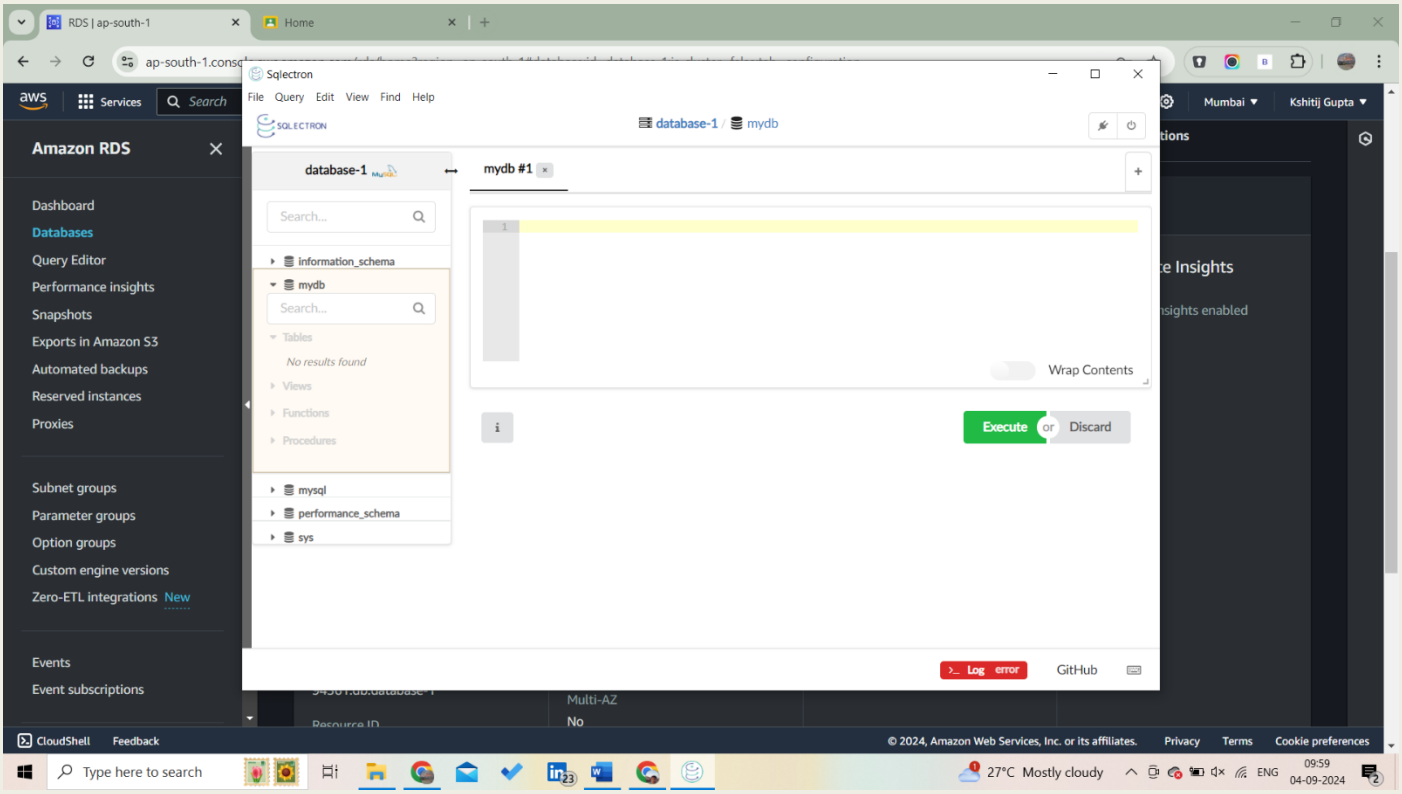
Now database is created:



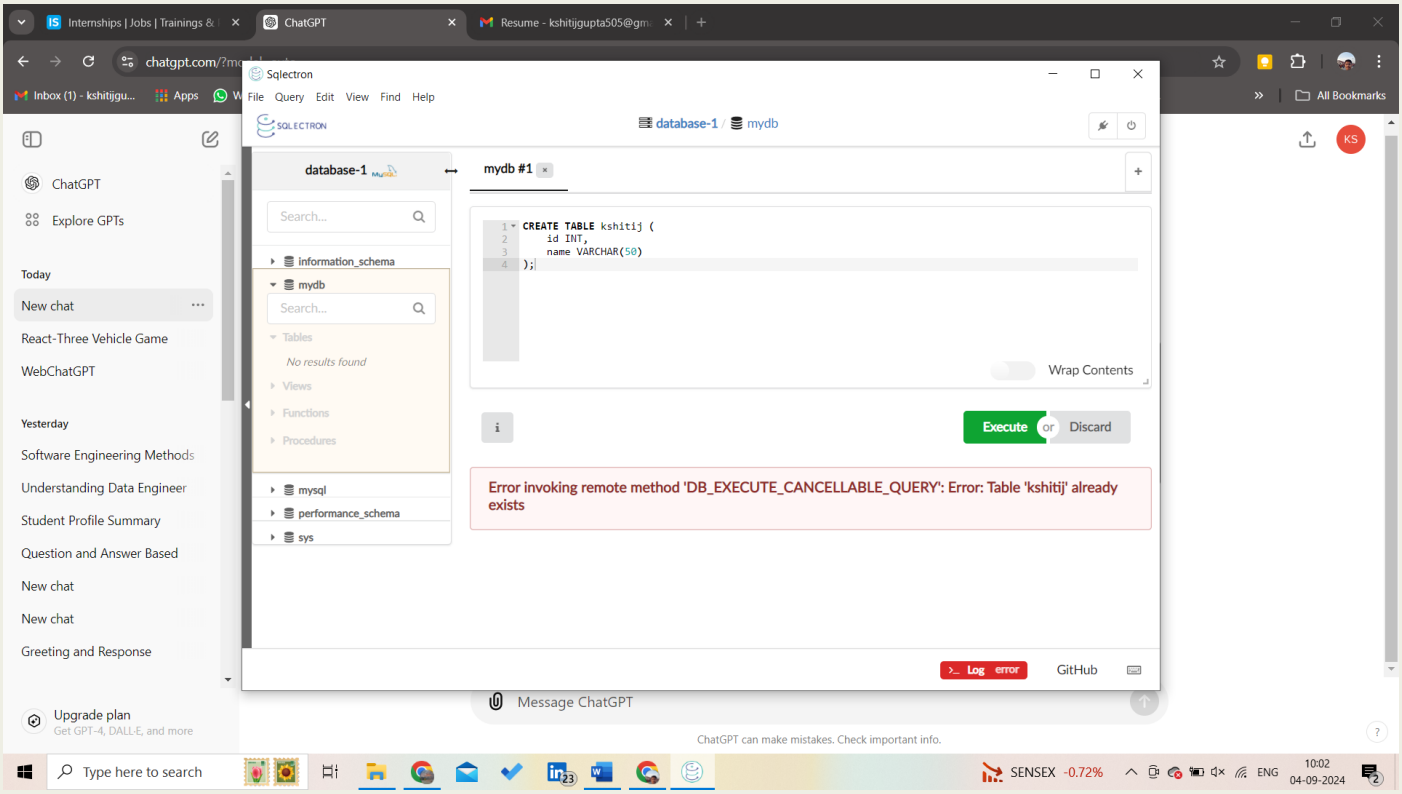
Now go to SQLelectron to Connect AWS RDS to perform Queries


Sqlectron
File Query Edit View Find Help
Server Information
Connection Test
Successfully connected
Name
database-1
Database Type
MySQL
SSL
Server Address
database-1.cb8g0yoig02x.ap-south
3306
Domain
Unix socket path
User
admin
Password
Initial Database/Keyspace
mydb
Initial Schema
Schema
URI
mysql://admin:**********@database-1.cb8g0yoig02x.ap-south-1.rds.amazonaws.com/mydb
Make the password visible in order to change the database credentials through the URI format.
SSH Tunnel
Filter
Amazon RDS
Dashboard
Databases
Query Editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Custom engine versions
Zero-ETL integrations New
Events
Event subscriptions
Multi-AZ
No
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
27°C Mostly cloudy
ENG
09:59
04-09-2024

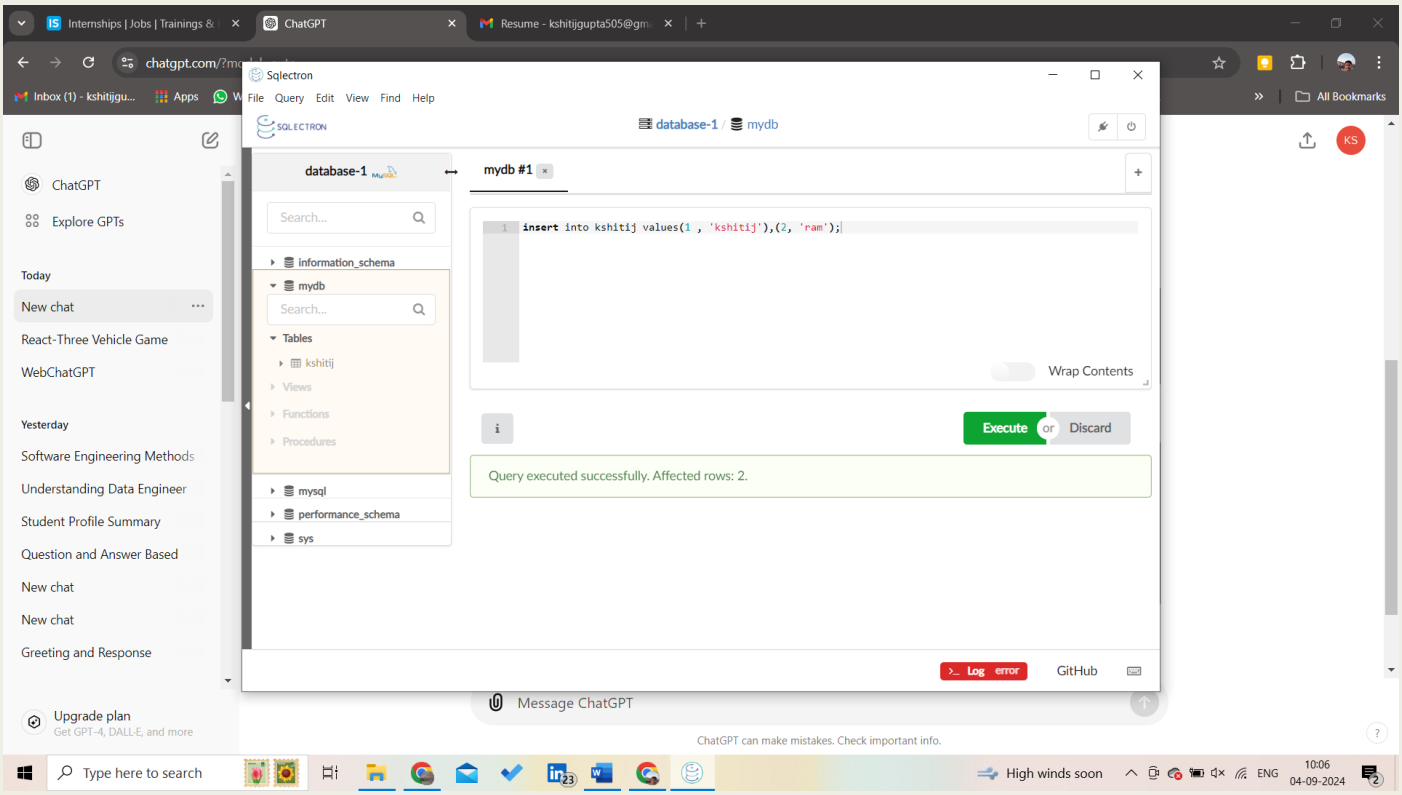

Sqlectron
File Query Edit View Find Help
Connection Test
Successfully connected
Name
database-1
Database Type
MySQL
SSL
Server Address
database-1.cb8g0yoig02x.ap-south
3306
Domain
Unix socket path
User
admin
Password
Initial Database/Keyspace
mydb
Initial Schema
Schema
URI
mysql://admin:**********@database-1.cb8g0yoig02x.ap-south-1.rds.amazonaws.com/mydb
Make the password visible in order to change the database credentials through the URI format.
SSH Tunnel
Filter
Test
Cancel
Save
Amazon RDS
Dashboard
Databases
Query Editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Custom engine versions
Zero-ETL integrations New
Events
Event subscriptions
Multi-AZ
No
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
27°C Mostly cloudy
ENG
09:59
04-09-2024



Now perform Create Table Queries



Now insert values into table



Now show data that we where inserted