Open the amazon aws🡪 search for rds

after opening the rds🡪> click on create database🡪 click on easy create🡪 click on mysql under dbs instance size select free tier

Give a name to db instance identifier🡪 keep ,master username as admin

Select self managed and enter a password in master password

And click on create database

This is PAAS

2]Download and install MySql workbench

Database client - MySql workbench

We should create workbench and enable it

Click on sindhivapDB 🡪 click on view connection details

at connectivity and security 🡪 copy the endpoint

click on modify 🡪 scroll down🡪 click on additional configuration right after connectivity 🡪 under public access 🡪 select publicly access and click continue

open my sql workbench app

now connect ur database in Mumbai center to ur workbench

in the workbench app🡪 click on MySql connection+ 🡪 under connection name – sindhivapDB🡪 hostname as endpoint🡪keep the username as admin and enter the password- admin123 🡪 test connection

if there is an issue 🡪 go to rds🡪db instances🡪 click on ur instance🡪 click on VPC security groups link 🡪select the security group ID🡪under inbound rules🡪 edit inbound rules🡪add rules🡪change 0 to 3306🡪 change custom to anywhere IPv4🡪 and click on save rules

also check if ur instance is publicly accessed or not

now test the connection

3]open the workbench app and click on ur database and the create a schema

Give a db name and click on apply and apply

On the left column under urd b🡪 tables🡪create table🡪 give a table name 🡪give column namen product id🡪tick the check boxes – PK, NN, AI🡪another column product name 🡪TICK AI🡪 clicl apply🡪apply🡪 finish

Now go to query 🡪 type---- select \* from product:

Enter values and rows by giving the queries and run to get outputs

End to end project

Go to his git 🡪 cloud🡪 docker🡪docker mysql🡪projexct.txt🡪copy the link and paste the link in chrome and link on the link- <https://github.com/makandas/composetutorial>

It will take u to a repository 🡪clone all the files and copy it to a new folder in cloudbca(composetutorial)🡪 go to terminal

Open docker app🡪 delete all containers

Docker compose.yml🡪open terminal🡪Docker-compose up🡪go to localhost:5000\show\_all

For practice🡪Modify app.py file and try