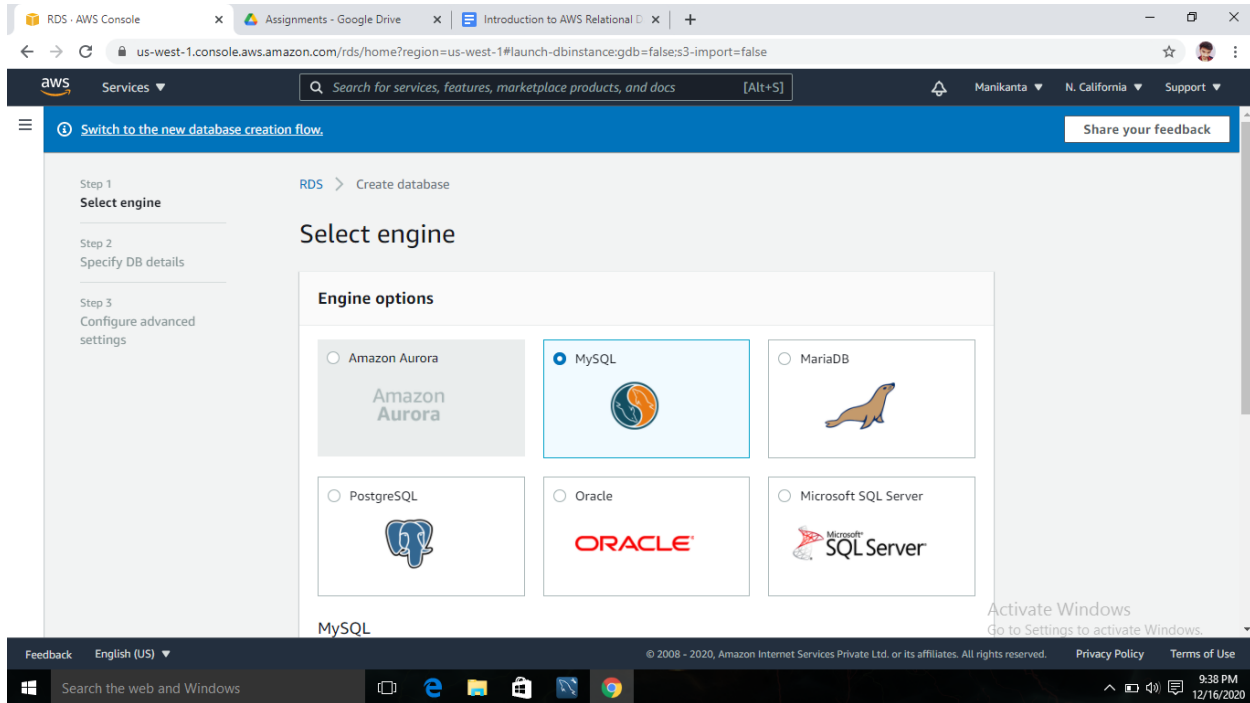
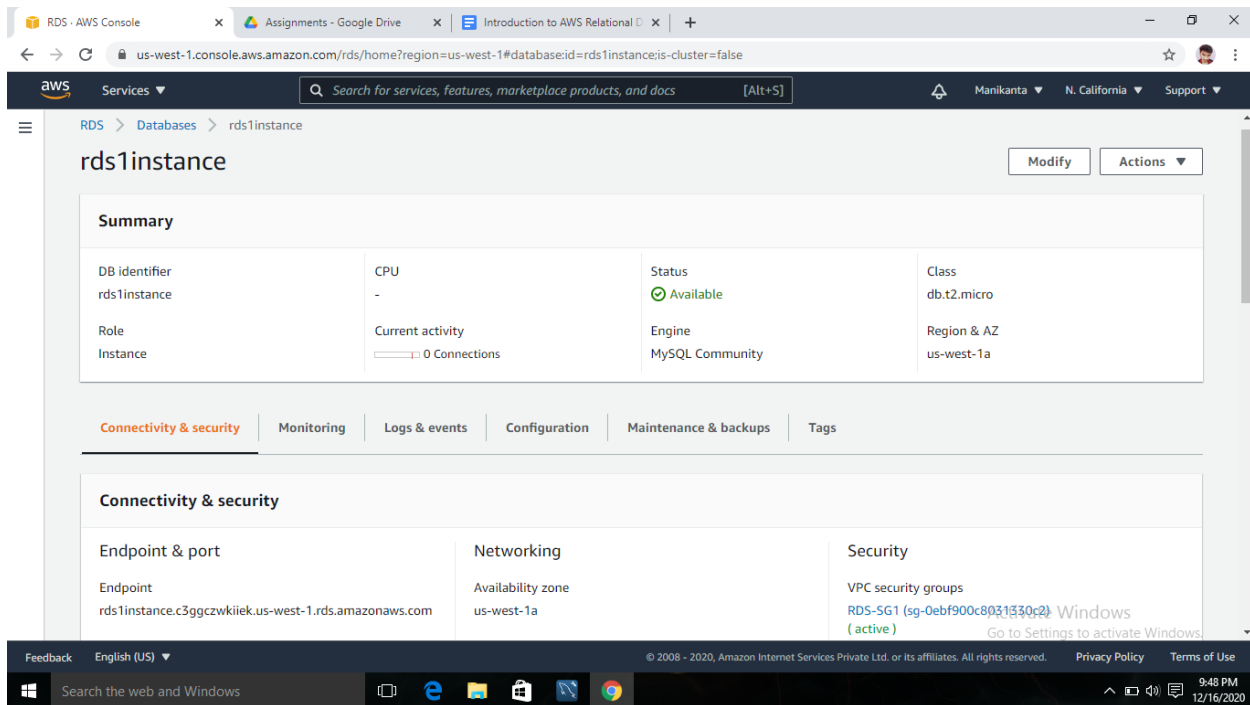


Working With Relational Data Base

1.Data Base Instance Page: Selecting the mysql engine to connect with the mysql work bench.



2.Data Base Instance details: Instance status is available



The endpoint is important to connect to the mysql workbench and the port number is 3306.

The screenshot shows the AWS RDS console interface. The top navigation bar includes the AWS logo, a search bar, and user information. The main content area is titled 'Connectivity & security' and is divided into three columns: 'Endpoint & port', 'Networking', and 'Security'. The 'Endpoint & port' column shows the endpoint 'rds1instance.c3ggczwkiek.us-west-1.rds.amazonaws.com' and the port '3306'. The 'Networking' column shows the availability zone 'us-west-1a', VPC 'vpc-b7da1bd1', subnet group 'default', and subnets 'subnet-63fb3739' and 'subnet-9457e7f2'. The 'Security' column shows VPC security groups 'RDS-SG1 (sg-0ebf900c8031330c2) (active)', public accessibility 'Yes', certificate authority 'rds-ca-2019', and certificate authority date 'Aug 22nd, 2024'. Below these columns is a section for 'Security group rules (2)'. The bottom of the screenshot shows a Windows taskbar with the search bar and system clock.

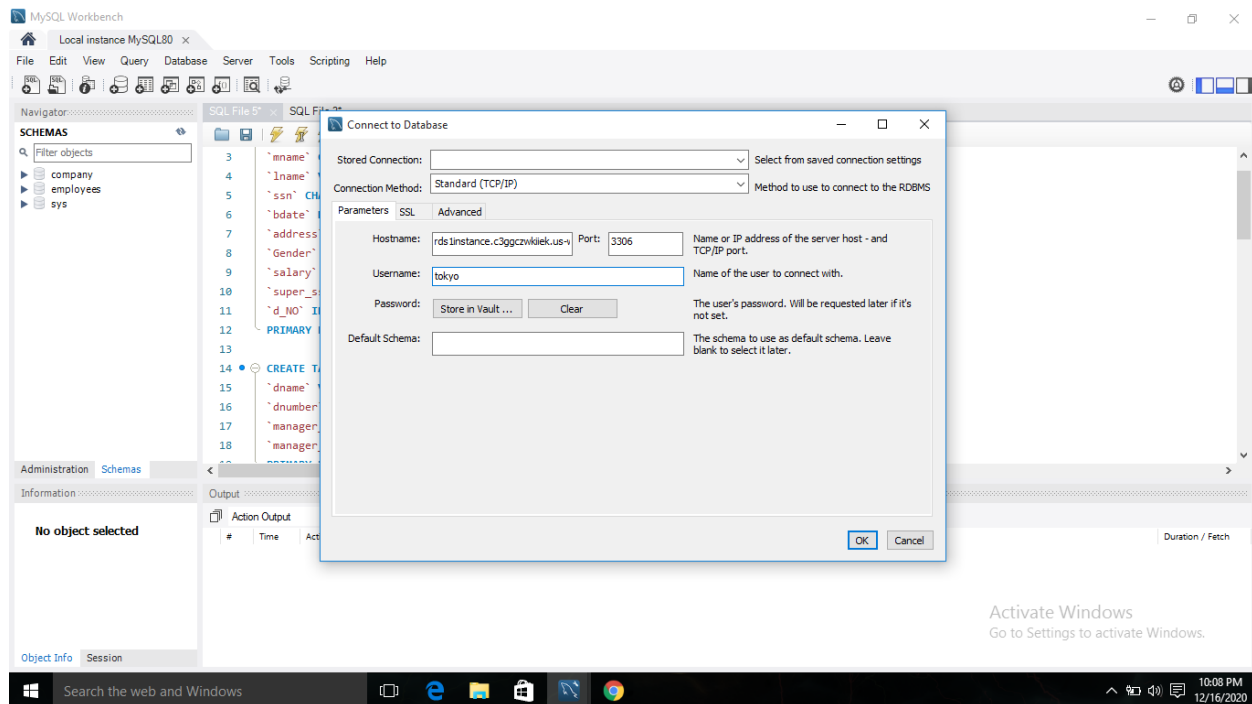
Endpoint & port	Networking	Security
Endpoint rds1instance.c3ggczwkiek.us-west-1.rds.amazonaws.com	Availability zone us-west-1a	VPC security groups RDS-SG1 (sg-0ebf900c8031330c2) (active)
Port 3306	VPC vpc-b7da1bd1	Public accessibility Yes
	Subnet group default	Certificate authority rds-ca-2019
	Subnets subnet-63fb3739 subnet-9457e7f2	Certificate authority date Aug 22nd, 2024

Security Group for the RDS Instance to connect by selecting the type to be mysql/Aurora and the anywhere 0.0.0.0/0

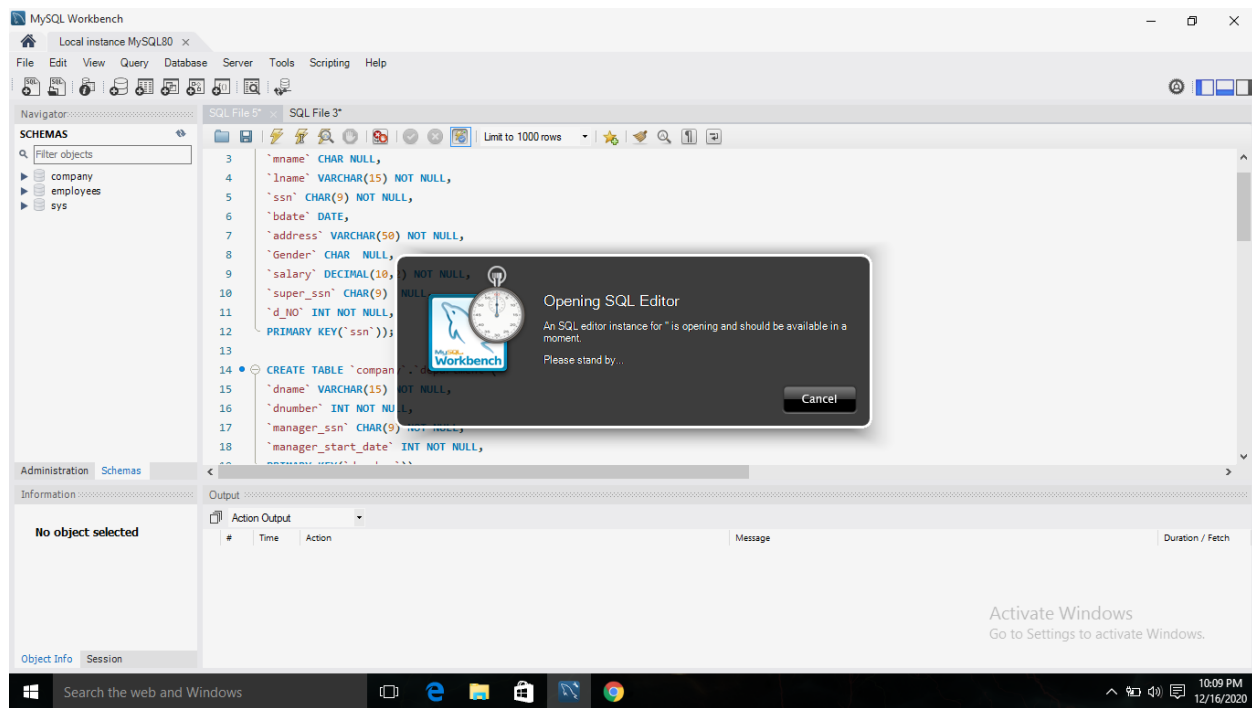
The screenshot shows the AWS Management Console interface. The left sidebar contains a navigation menu with categories like 'Launch templates', 'Images', 'Elastic Block Store', 'Network & Security', and 'Load Balancing'. The main content area is titled 'sg-0ebf900c8031330c2 - RDS-SG1' and is divided into 'Details' and 'Inbound rules' sections. The 'Details' section shows the security group name 'RDS-SG1', security group ID 'sg-0ebf900c8031330c2', description 'Security group for RDS', VPC ID 'vpc-b7da1bd1', owner '055184232800', inbound rules count '2 Permission entries', and outbound rules count '1 Permission entry'. The 'Inbound rules' section shows a table with two rules: 'MYSQL/Aurora' with protocol 'TCP', port range '3306', source '0.0.0.0/0', and description '-'. The bottom of the screenshot shows a Windows taskbar with the search bar and system clock.

Type	Protocol	Port range	Source	Description - optional
MYSQL/Aurora	TCP	3306	0.0.0.0/0	-
MYSQL/Aurora	TCP	3306	::/0	-

Connecting to the Mysql Work bench by copying the endpoint in the connection database option in the mysql workbench. Entering the Username and password correctly same as the while creating the db



There will be a prompt showing the about the database.



After the connection there will be a mysql query sheet will be opened with the name given to the database in the creation of DB

