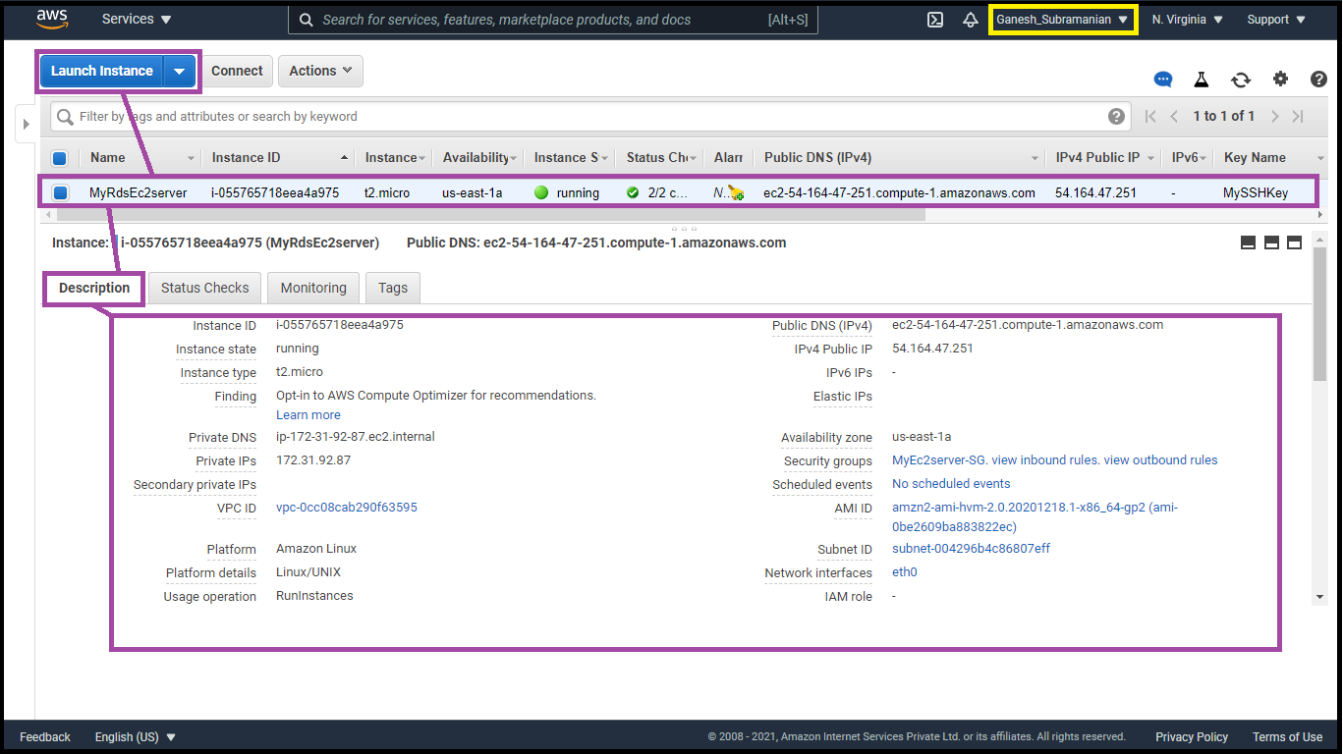
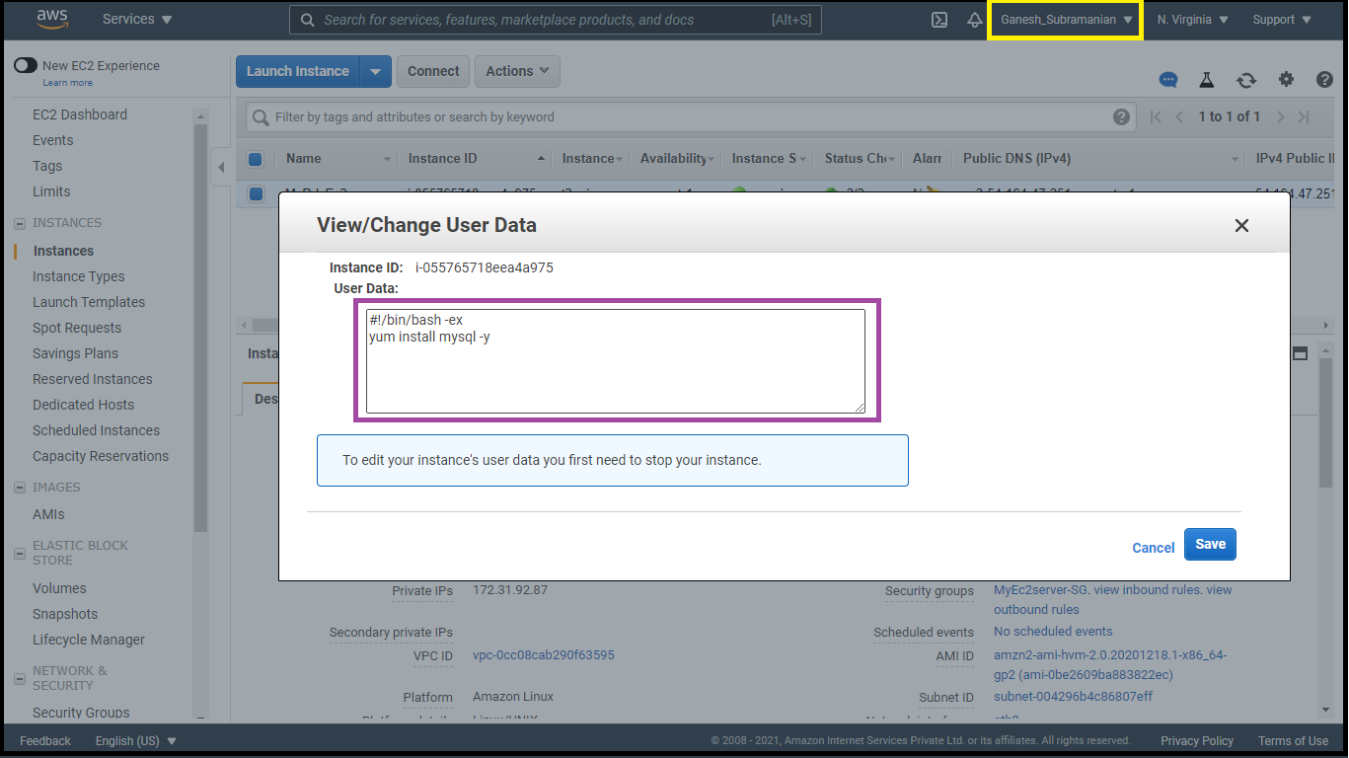
**Project 2**

Deploying Amazon RDS Multi-AZ and Read Replica, Simulate Failover

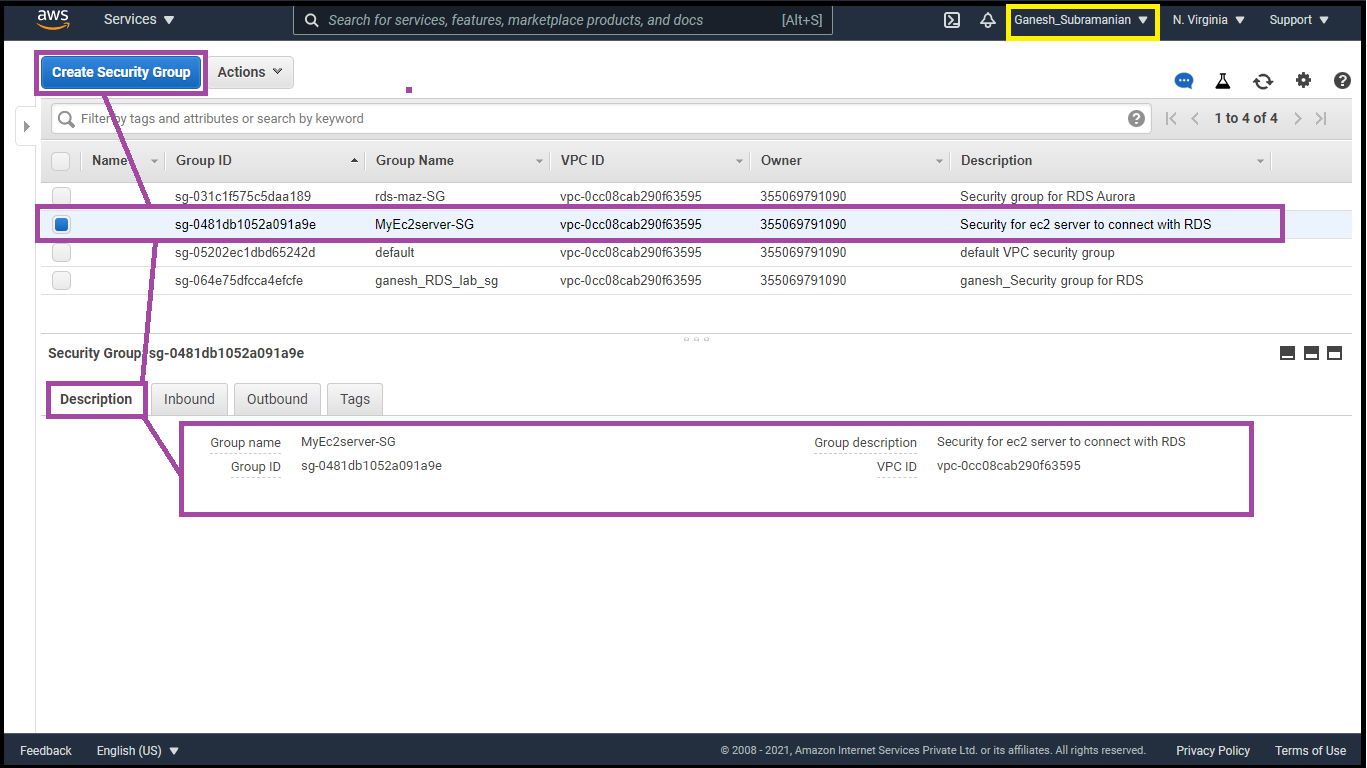
* **EC2 Console with instance details**

****

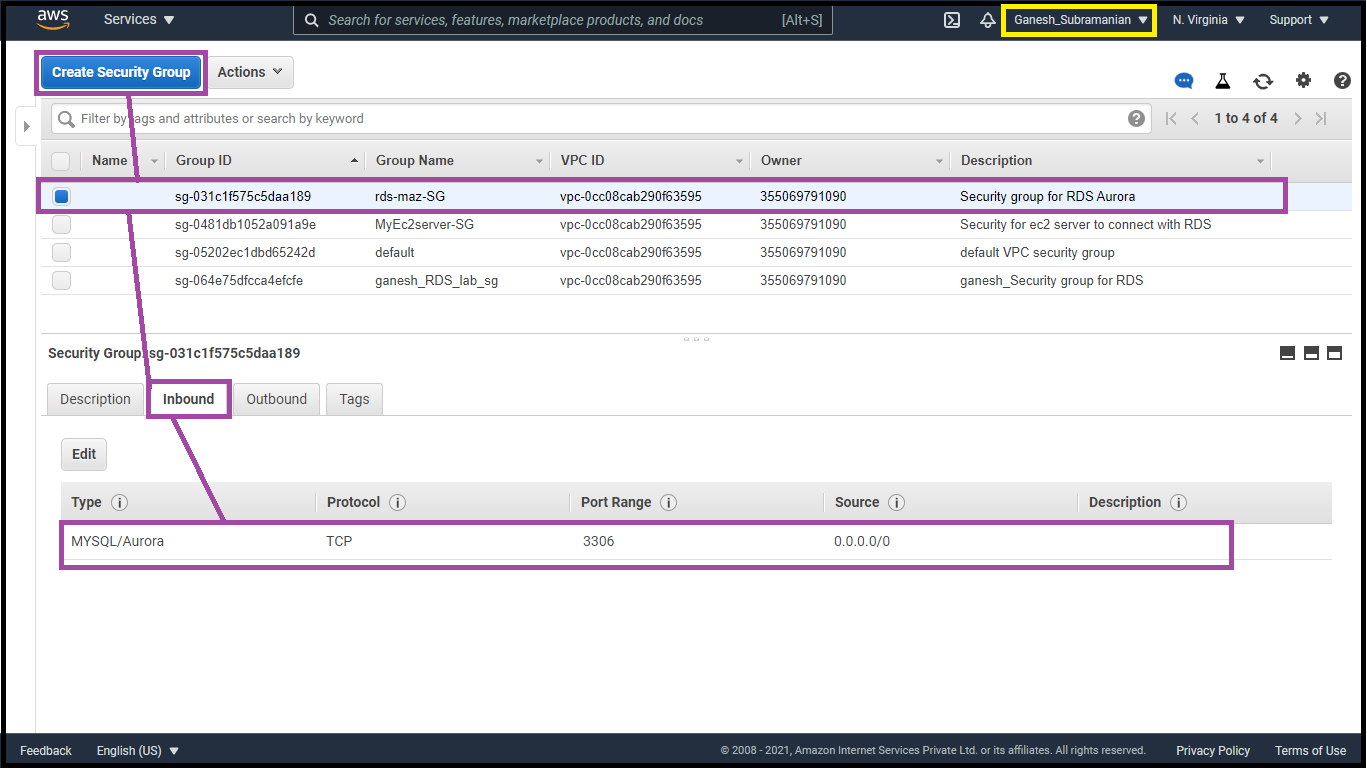
* **User Data field showing MySQL installation**



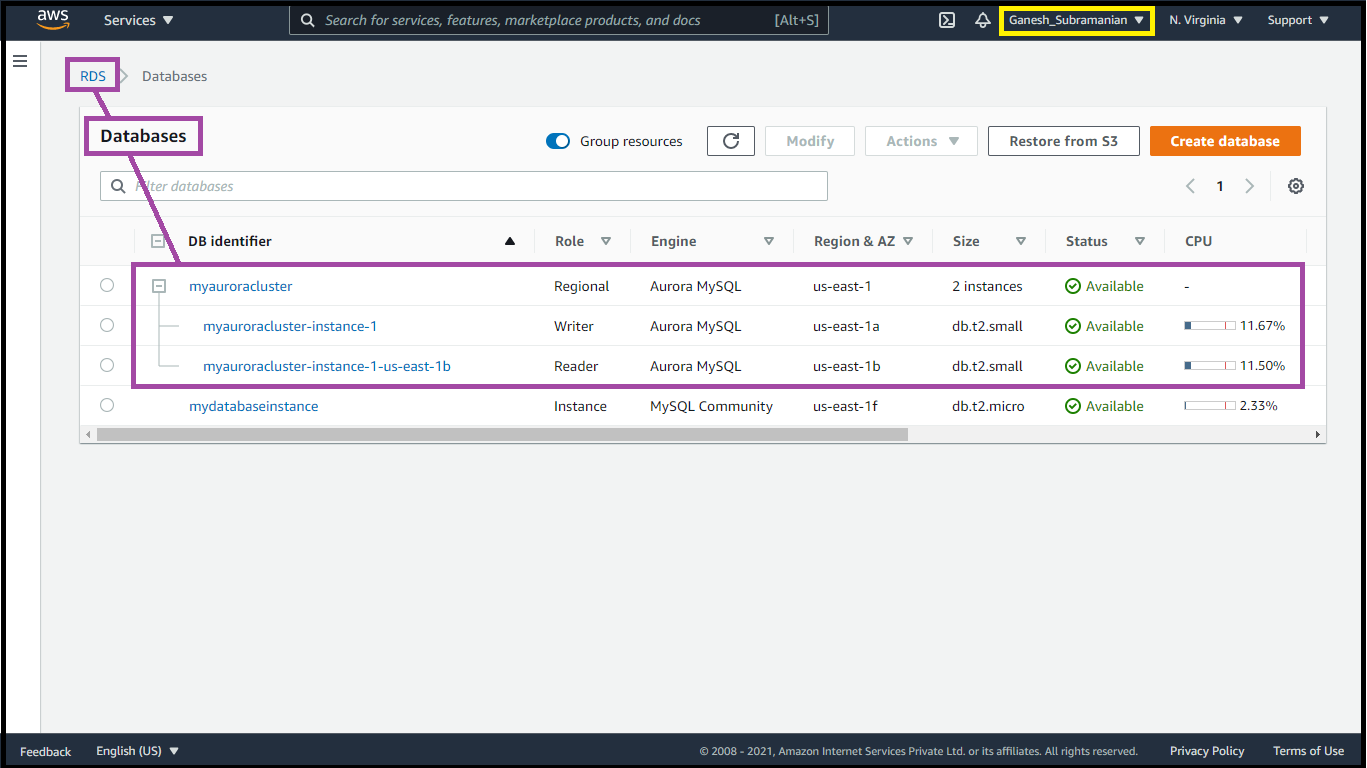
* **Create a Security group with the name MyEC2server-SG and display security group**

****

* **Display Security group information of rds-maz-SG**

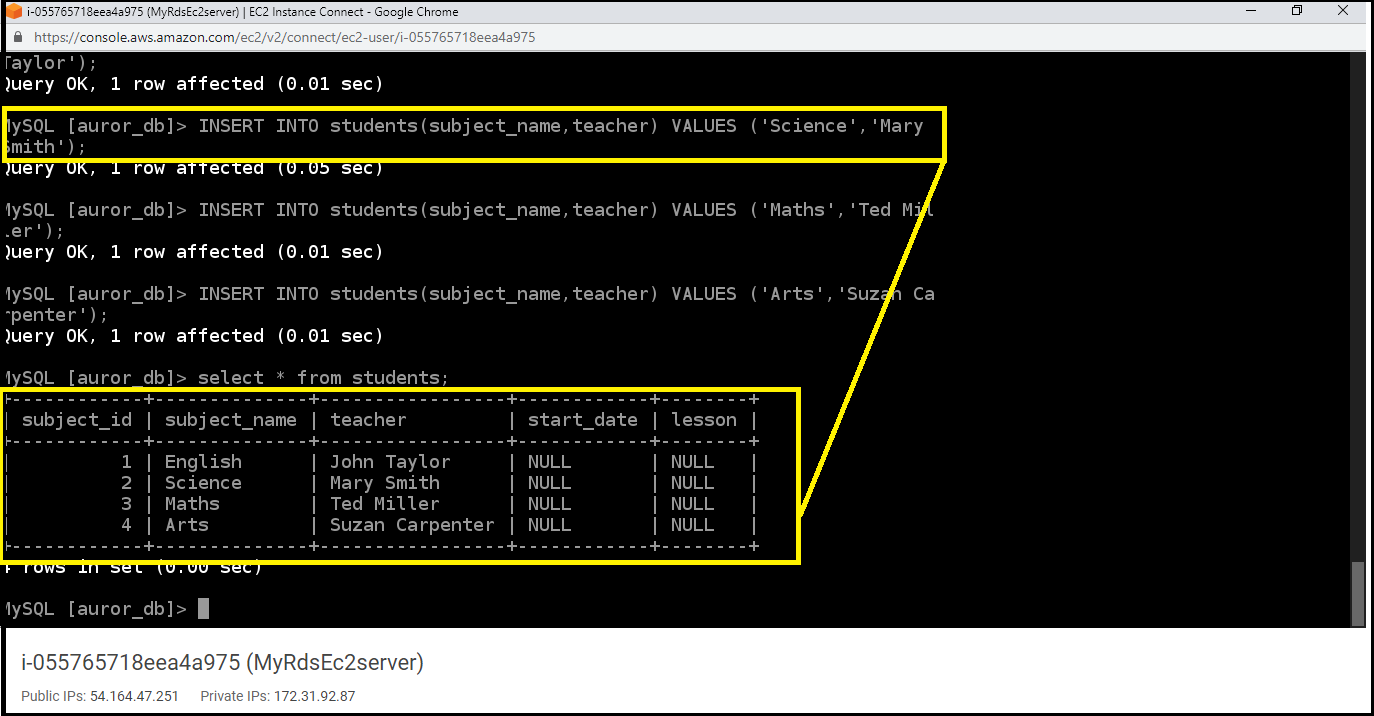
****

* **Display Enabling Multi AZ**

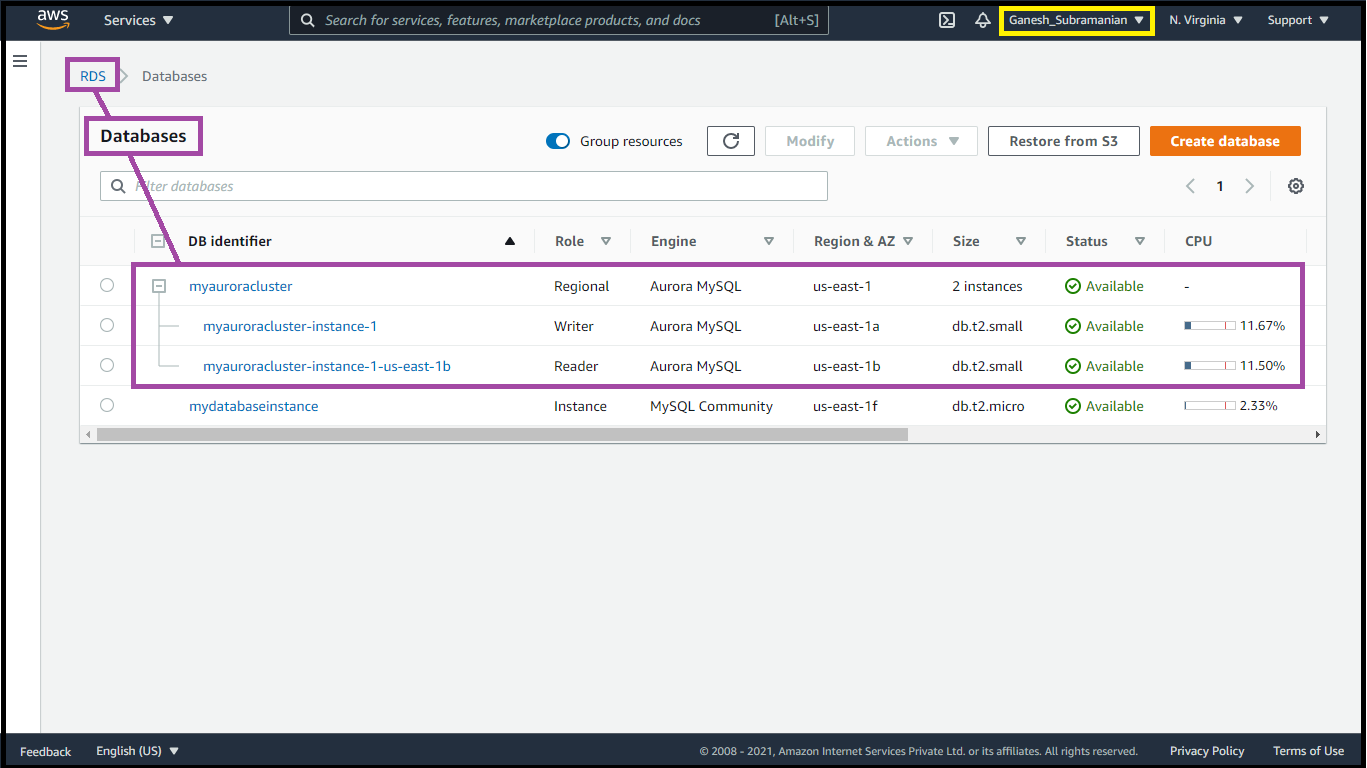
****

* **Execute database operation and display details**

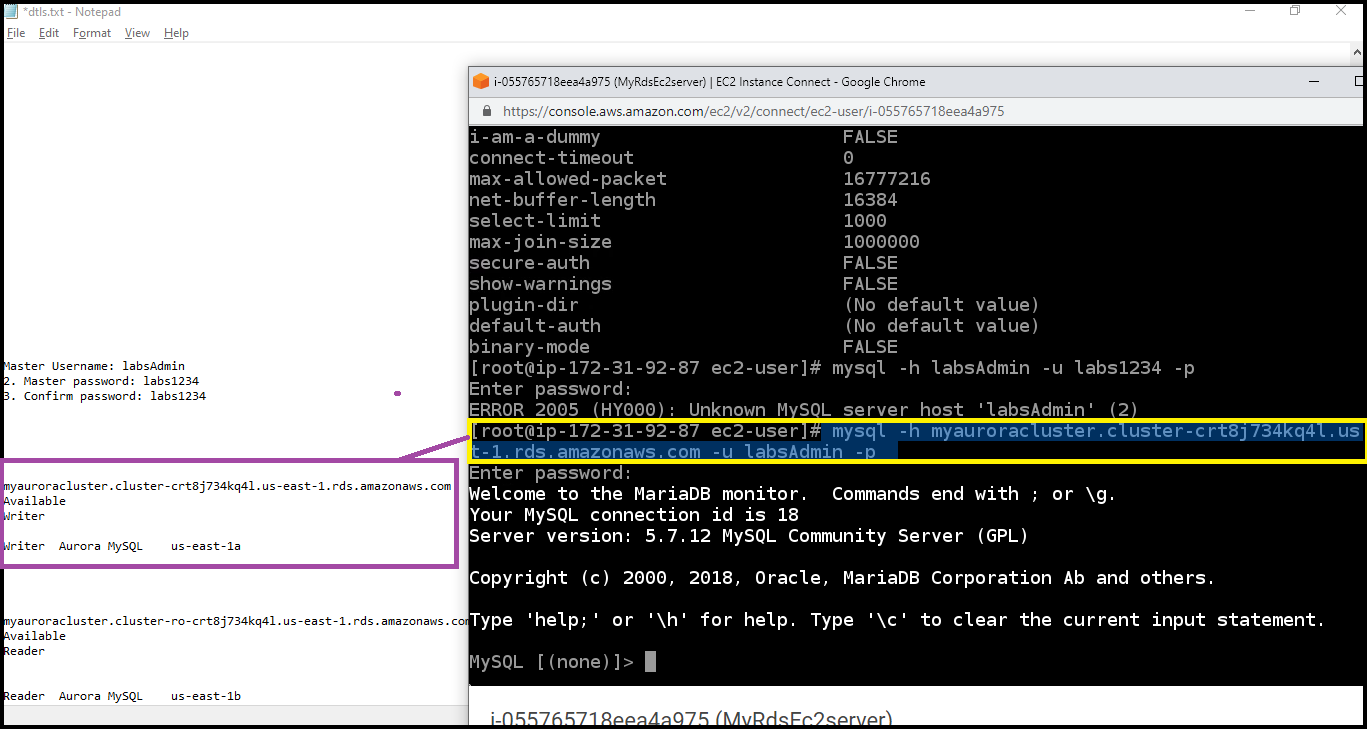
Creating a table named students and inserting few rows of data using list of commands as shown below

****

* **Show Databases console with Reader and Writer**

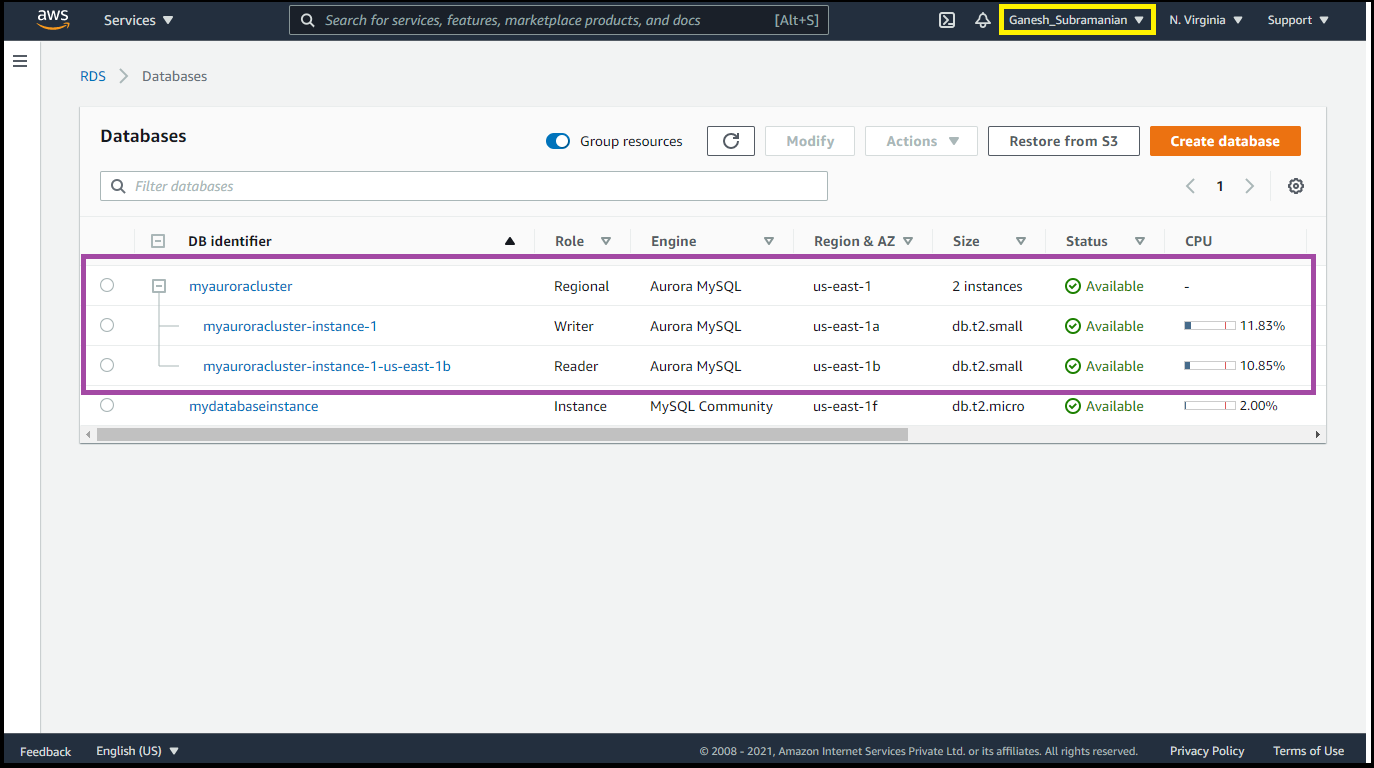


* **Connect to rds and show console details**

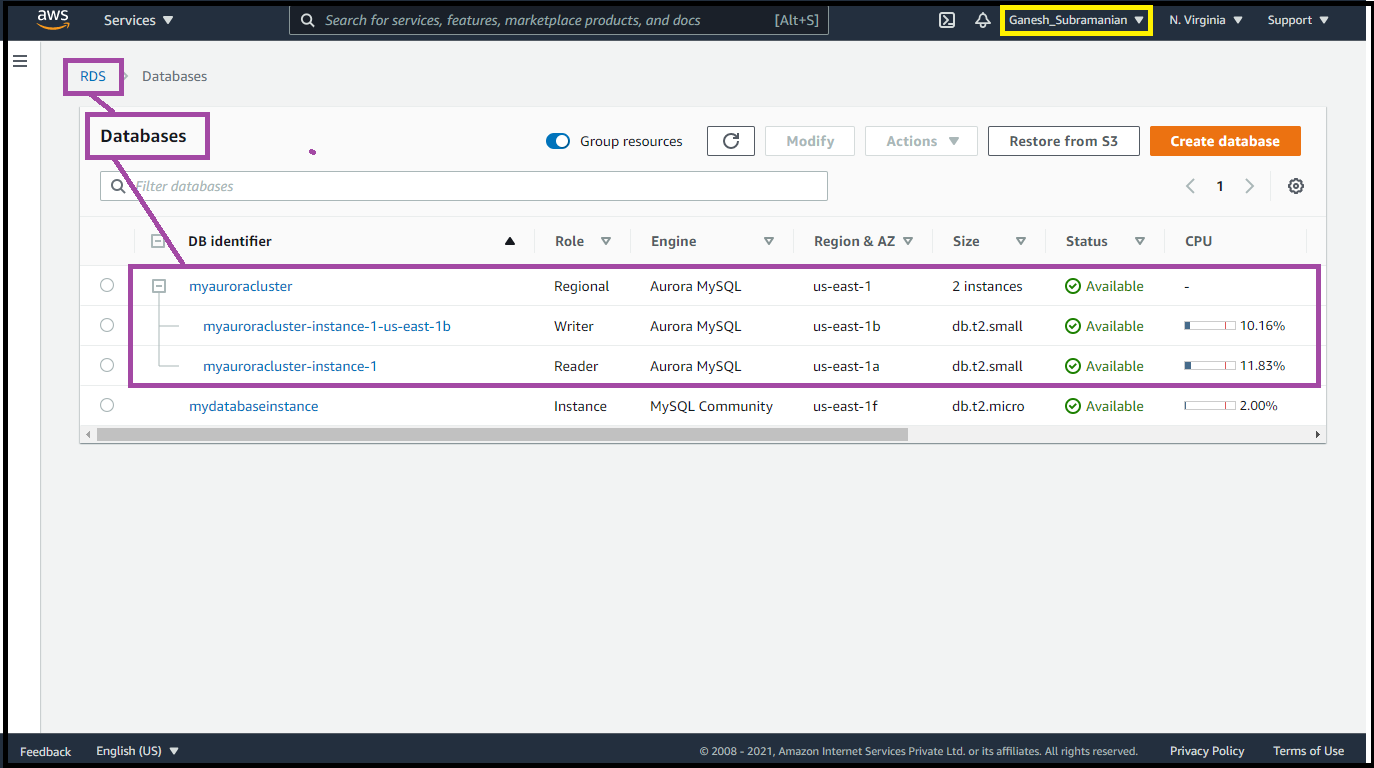
****

* **Show Failover in Action**

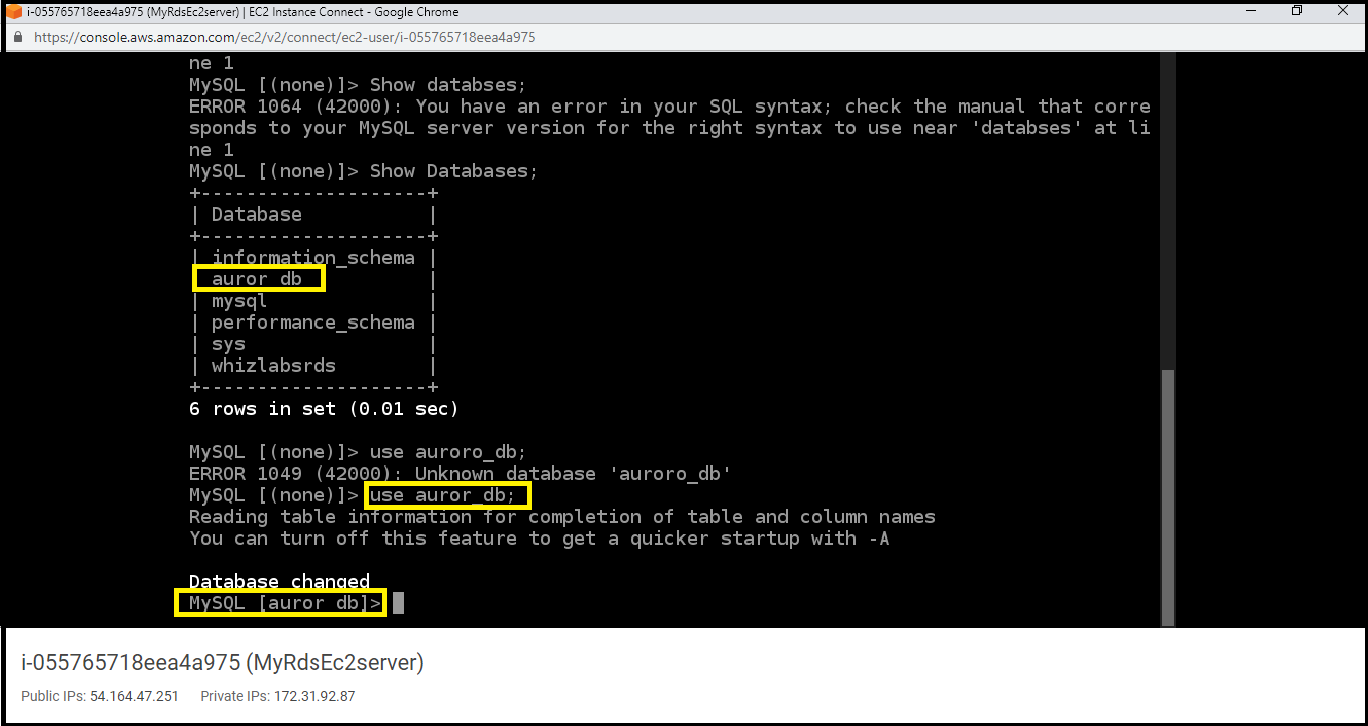
Created a situation where master fails and the read replica has to become the new Master(Writer).

****

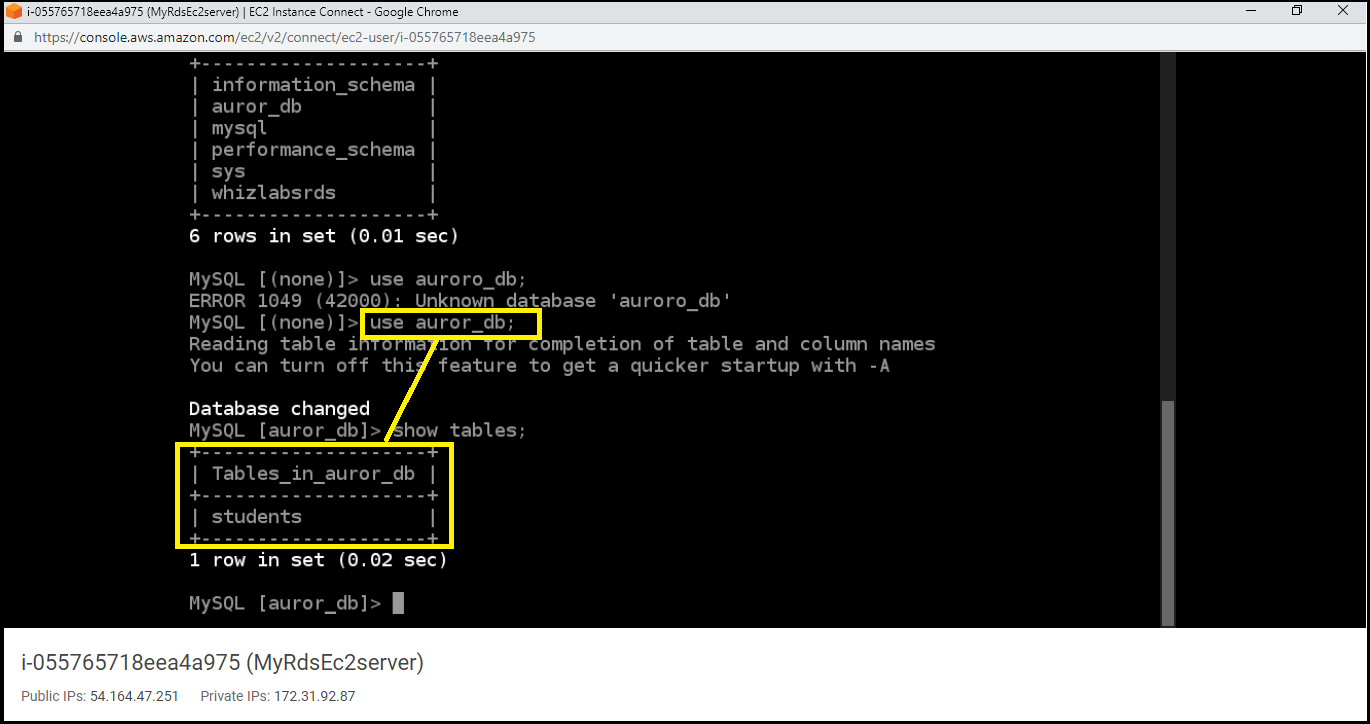
Master(Writer) becomes Reader and Reader becomes Master(Writer) as shown below

****

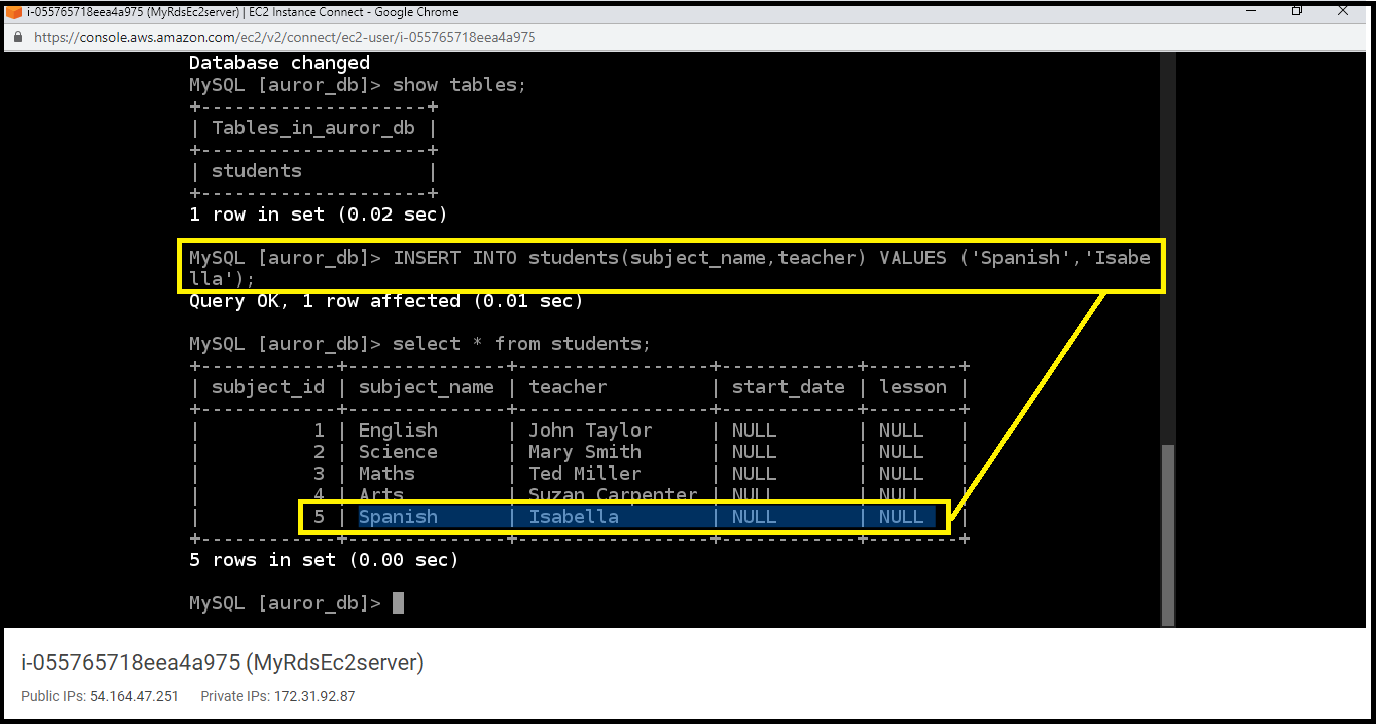
Connecting to RDS with new Master endpoint and to check if the original master db (auror\_db) is still present. The original master db (auror\_db) is present, implying that the Failover worked successfully.

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Existence of table named students and data can be seen

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Inserting of new data into the existing students table.

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The newly created data is reflected in the Table

