**2.Create an rds connection with ec2 instance and use it to create an sql database and a sample table.**

Amazon Relational Database Service (Amazon RDS) is a web service that makes it easier to set up, operate, and scale a relational database in the AWS Cloud. It provides cost-efficient, resizable capacity for an industry-standard relational database and manages common database administration tasks.

Step1: search RDS in AWS management console and create a data base.

Step2: select easy create

Step3 : select MySQL

Step4: select free tier, give your database a name and master username as your you can generate password or you can give manually

Step5: create database

Step6: now go to ec2 and select launch instance

Step7: now give your instance a name and create a new key pair and in networking settings give all traffic .

Create instance

Step8: now go to rds and go to connectivity and select ec2 setup select it give the desired ec2 and setup the connection.

Step9: go to ec2 and connect to the instance and give the following commands

Sudo yum update

Sudo yum install mariadb

Mysql –h hostname –P portnumber and –u admin –p

It asks enter password

It opens a mariadb sql

Go give the following command

Create database database\_name;

Use database\_name;

Create table table\_name

(

Variables1,

…

Variable n

);

Show tables;

Insert into table\_name (name) values (value1),(value2)…;