1. Create EC2 machine.
2. Create RDS database.
   1. Choose a database creation method->Standard Create
   2. Engine options->MySql
   3. Templates->Free-tier
   4. Settings
      1. ->DB instance identifier:employee.
      2. ->Credentials Settings
         1. ->Master username:admin;
         2. ->Master password:adminadmin,
         3. ->Confirm master password:adminadmin
   5. Storage autoscaling->Uncheck Enable storage autoscaling option.
   6. Connectivity->Connect to an EC2 compute resource.
   7. In the EC2 instance dropdown-> select EC2 instance.
   8. Additional configuration->
      1. Backup->Uncheck Enable automated backups.
3. Create s3 bucket->addemployee
4. Connect to EC2 machine.
   1. sudo apt update
   2. sudo apt install mysql-client
   3. mysql -h employee.cvlrhiclnrl4.us-east-1.rds.amazonaws.com -u admin -p adminadmin
   4. mysql> show databases;
   5. mysql> create database employee;
   6. mysql> use employee;
   7. mysql> create table employee(
   8. -> empid varchar(20),
   9. -> fname varchar(20),
   10. -> lname varchar(20),
   11. -> pri\_skill varchar(20),
   12. -> location varchar(20));
   13. mysql-> show tables;
   14. mysql-> exit
5. ubuntu> git clone https://github.com/hshar94/aws-live.git
6. ubuntu> cd aws-live
7. ubuntu/aws-live> nano config.py
   1. customhost = "employee.cvlrhiclnrl4.us-east-1.rds.amazonaws.com"
   2. customuser = "admin"
   3. custompass = "adminadmin"
   4. customdb = "employee"
   5. custombucket = "addemployee"
   6. customregion = "us-east-1"
8. ubuntu/aws-live>sudo apt-get install python3
9. ubuntu/aws-live>sudo apt-get install python3-flask
10. ubuntu/aws-live>sudo apt-get install python3-pymysql
11. ubuntu/aws-live>sudo apt-get install python3-boto3
12. ubuntu/aws-live>sudo python3 EmpApp.py
13. In IAM service, create a role (EC2S3role) for EC2 for AdministrativeAccess
14. In IAM service
    1. Access Management-> Roles->CreateRole->AWS Service
    2. ->Service or usecase->EC2->Next
    3. ->Check Administrative Access->Next
    4. ->Rolename-> EC2S3role->Click on createRole button.
15. Go to EC2 service.
16. Inside Actions->Security-ModifyIAMRole
17. Select EC2S3role->Click on UpdateRole button.