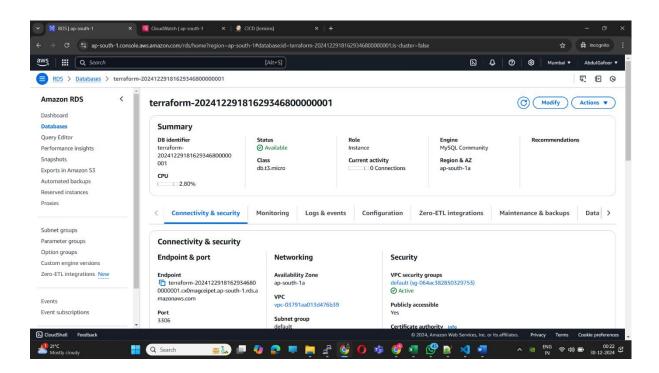
Go Digital Technology Consulting LLP- TASK

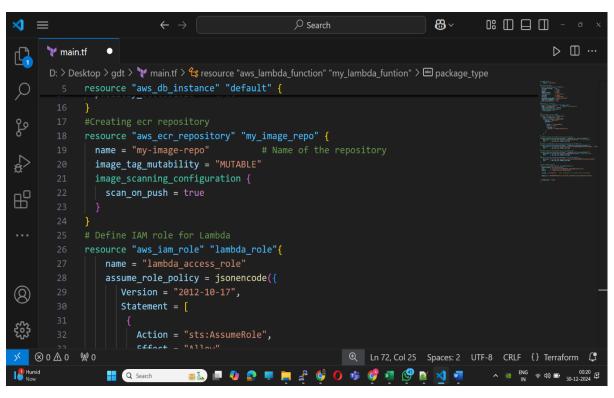
Step 1: To mention provider AWS and then created Mysql Database.

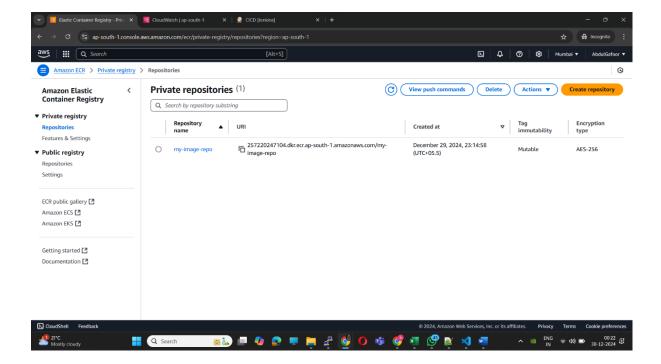
```
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                                      main.tf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ▷ □ …
                                                                           provider <u>"aws"</u> {
    region = "ap-south-1"
   0
   ည
                                                                             resource "aws_db_instance" "default" {
                                                                                   allocated_storage = 10
 ₹
                                                                                       db name
                                                                                      engine
                                                                                                                                                                                                     = mysq1
= "8.0"
= "db.t3.micro"
= "admin"
= "ashher1234"
 8
                                                                                      engine_version
                                                                                      instance class
                                                                                     username
                                                                                   parameter_group_name = "default.mysq18.0"
                                                                                  skip_final_snapshot = true
publicly_accessible = true
  (8)
 £55
                                                                                                                                                                                                                                                                                                                                                                             € Ln 72, Col 25 Spaces: 2 UTF-8 CRLF {} Terraform C
               ⊗ 0 ⚠ 0
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```

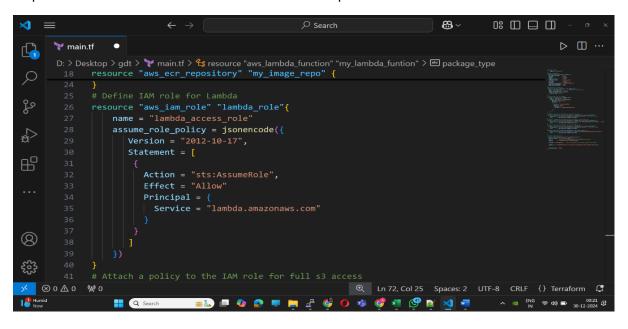


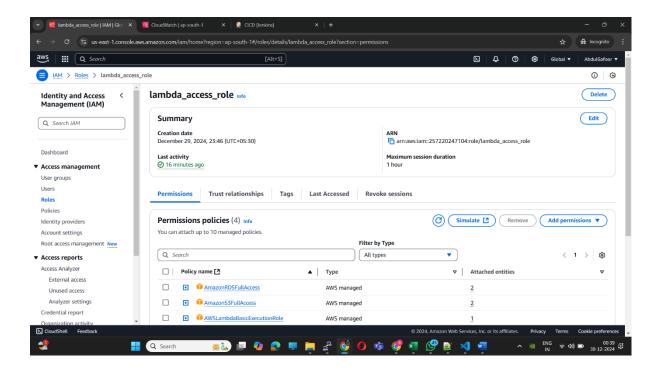
Step 2: Created ECR Repository



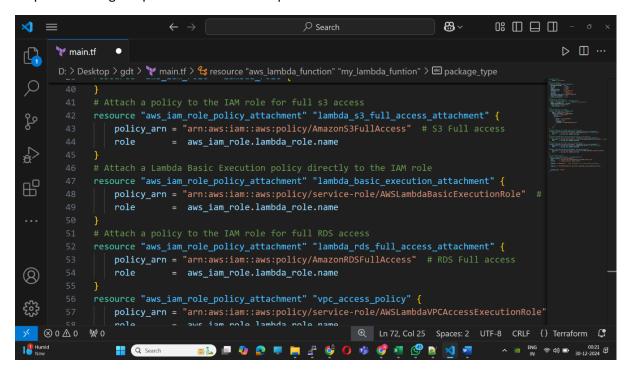


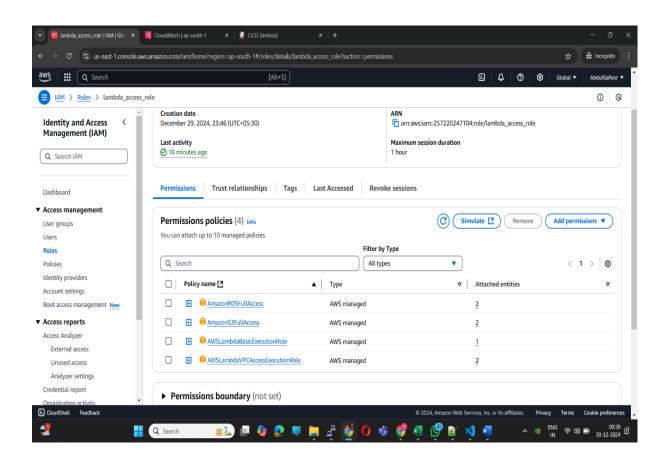
Step 3: Created Role for Lambda so that we can attach permissions to it to access S3 and RDS



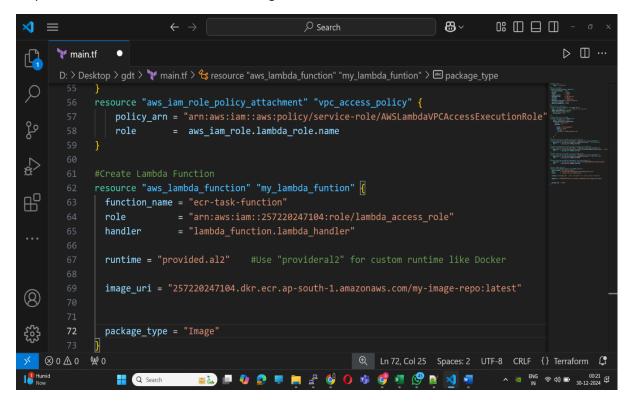


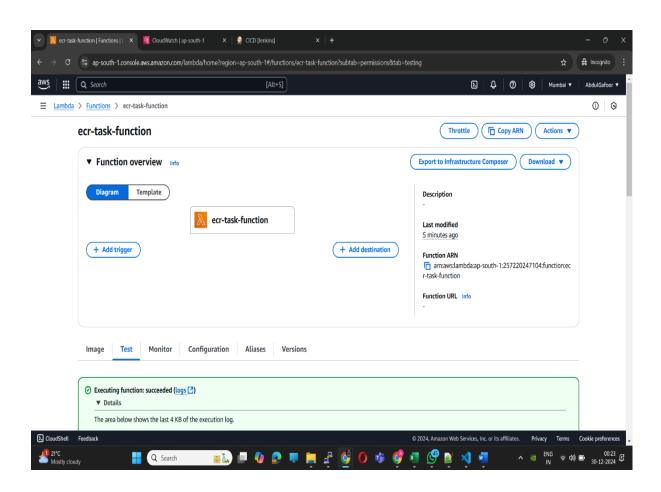
Step 4: Attaching the policies to IAM role required for Lambda to access S3 and RDS.



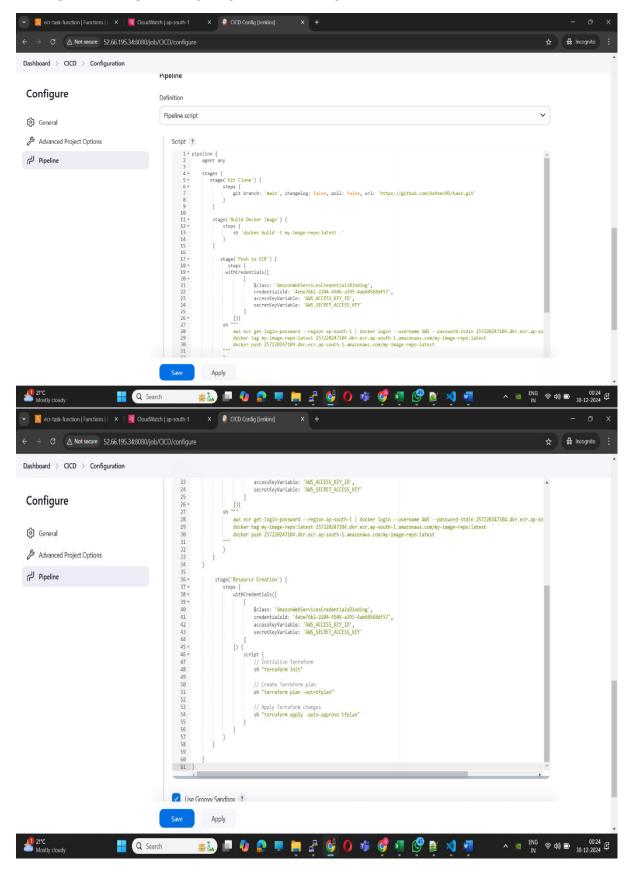


Step 5: Created Lambda Function with image uri and attached the role to Lambda Function.

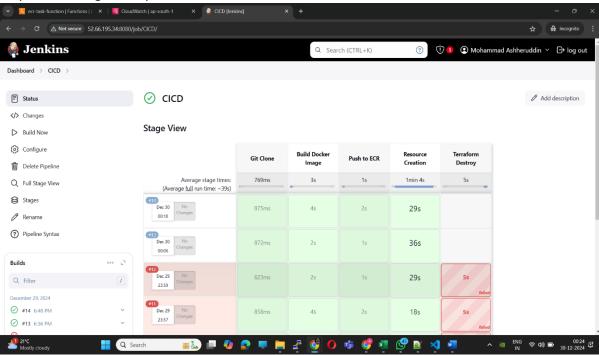




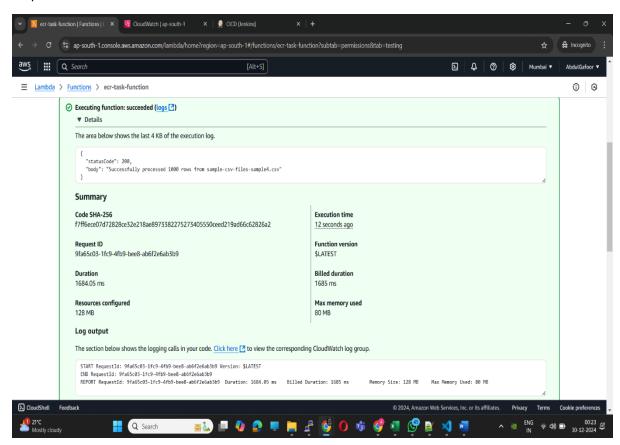
Step 6: Created Jenkins CICD Pipeline to automate all the stages including Cloning of Git Repo, Building Docker Image, Pushing image to ECR, Creating all resources, etc.



Step 7: CICD Stages Completion



Step 8: Final Outcome that our s3 data has been transferred to RDS in Lambda Function



THANK YOU