SPCM LAB

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Lab Exercise 10– Creating an AWS RDS Instance in Terraform

1. Create a Terraform Directory:

- Create a file named main.tf

erraform-rds > main.tf

```
provider "aws"{
 region = "us-east-1"
 access_key= "AKIAYS2NV47DL6IMWZUT"
secret_key = "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
}
resource "aws_db_instance" "My-RDS" {
 allocated_storage = 10
 db_name = "upesdb"
 engine = "mysql"
 engine_version = "5.7"
 instance_class = "db.t2.micro"
 username = "admin"
 password = "Hitesh111"
 parameter_group_name = "default.mysql5.7"
 skip_final_snapshot = true
 }
```

2. Intitalize and plan

```
pository
o that Terraform can guarantee to make the same selections by default
when
ou run "terraform init" in the future.

erraform has been successfully initialized!

ou may now begin working with Terraform. Try running "terraform plan"
to see
ny changes that are required for your infrastructure. All Terraform c
mmands
hould now work.

f you ever set or change modules or backend configuration for Terraf
m,
erun this command to reinitialize your working directory. If you forg
t, other
```

```
      + performance_insights_retention_period = (known after apply)
      + port                                  = (known after apply)
      + publicly_accessible                   = false
      + replica_mode                          = (known after apply)
      + replicas                              = (known after apply)
      + resource_id                           = (known after apply)
      + skip_final_snapshot                   = true
      + snapshot_identifier                   = (known after apply)
      + status                                = (known after apply)
      + storage_throughput                    = (known after apply)
      + storage_type                          = (known after apply)
      + tags_all                              = (known after apply)
      + timezone                              = (known after apply)
      + username                              = "admin"
      + vpc_security_group_ids                = (known after apply)
    }

lan: 1 to add, 0 to change, 0 to destroy.
```