# Create S3 Bucket per environment with for\_each and maps

# https://registry.terraform.io/providers/hashicorp/aws/latest/docs/resources/s3\_bucket

resource "aws\_s3\_bucket" "mys3bucket" {

  # for\_each Meta-Argument

    for\_each = {

    dev  = "my-dapp-bucket"

    qa   = "my-qapp-bucket"

    stag = "my-sapp-bucket"

    prod = "my-papp-bucket"

  }

  bucket = "${each.key}-${each.value}"

  #acl    = "private" # This argument is deprecated, so commenting it.

  tags = {

    Environment = each.key

    bucketname  = "${each.key}-${each.value}"

    eachvalue   = each.value

  }

}

For Map, the key and value is different to create multiple resources

resource "aws\_iam\_user" "myuser" {

  for\_each = toset(["TJack", "TJames", "TMadhu", "TDave"])

  name     = each.key

}

For toset key and value is the same