**MODULE - 01 INTRODUCTION**

Use same project for deploy on different cloud providers (resources on AWS and Azure).

Plan before applying changes (what if) – not possible with AWS Cloudformation.

**MODULE - 01 CONFIGURING TERRAFORM WITH AWS**

Create AWS account (Free tier).

Create TerraformUser on IAM Users with full access.

Install Terraform (<https://www.terraform.io/>) and configure System variables.

Create System Variable for AWS\_ACCESS\_KEY\_ID and AWS\_SECRET\_ACCESS\_KEY.

**MODULE - 02 CREATING AN AWS RESOURCE WITH TERRAFORM**

Code samples: <https://github.com/kevholditch/terraform-course-examples>

Sample code to create S3 bucket

Go to sample code folder (main.tf file) and Terraform init

Terraform plan

Terraform apply

Create S3 bucket rodolfomarra-myfirst-bucket on us-east-1

Terraform destroy

Delete S3 bucket rodolfomarra-myfirst-bucket on us-east-1

**MODULE – 02 TERRAFORM RESOURCES**