

1. Prerequisites
  - a. Basic Infrastructure knowledge
  - b. Basic Container knowledge (Docker and K8s)
  - c. Cost Management
2. Introduction to Terraform
  - a. Providers
  - b. Supported languages and extensions (.tf and .tf.json)
3. Installation of Terraform on Windows
4. Installation of Terraform on Ubuntu
  - a. `sudo apt-get install unzip`
  - b. `wget <Download Link>`
  - c. `unzip terraform_XXXXXXXXXX.zip`
  - d. `sudo mv terraform /usr/local/bin/`
  - e. `terraform --version`
5. Launch an EC2 instance using Terraform file
  - a. 

```
provider "aws" {  
  
    region    = "XX-XX-X"  
  
    access_key = "XXXXXXX"  
  
    secret_key = "XXXXXXX"  
  
}  
  
resource "aws_instance" "TrainingDemo" {  
  
    ami = "ami-XXXXXXX"  
  
    instance_type = "XXXXXXX"  
  
}
```