

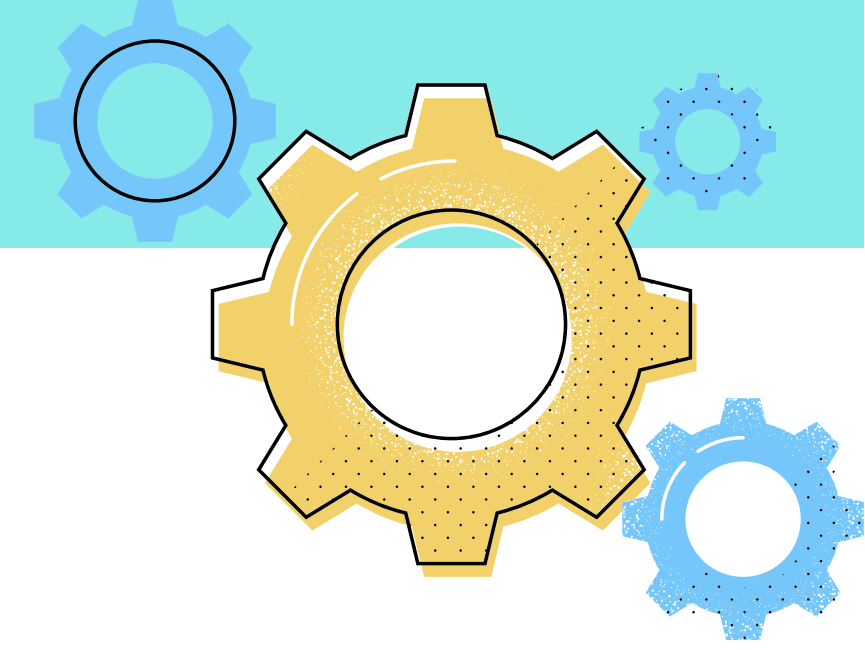
Deploy single server

Topics covered:

- Terraform hello world : create single ec2 instance
- create PEM key name "terraform"
- 4 lines of code to create ec2 instance
- 3 basic commands



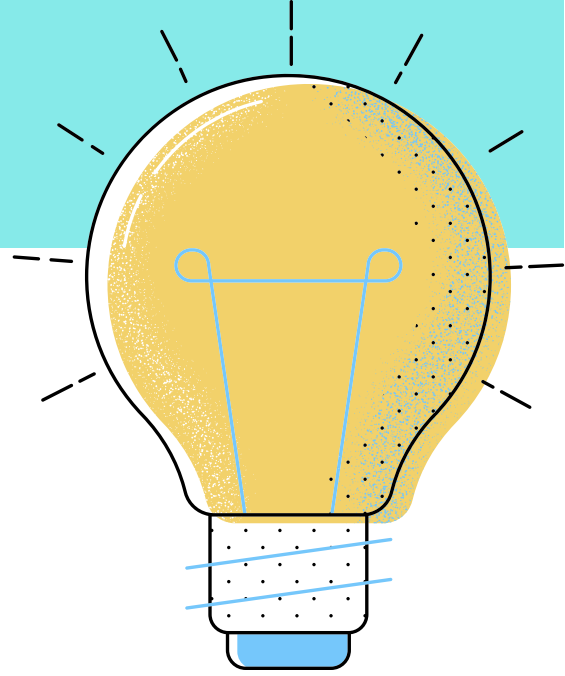
Four lines of code :create ec2 instance



```
resource "aws_instance" "hello-world" {  
    ami = "ami-0a313d6098716f372"  
    instance_type="t2.micro"  
    key_name="terraform"  
}
```

**Provider has to be defined

Three basic commands



- terraform plan
- terraform apply
- terraform destroy

Note:

we also have to run below to initialize , download the plugins and validate the terraform syntax...

- terraform init
- terraform validate