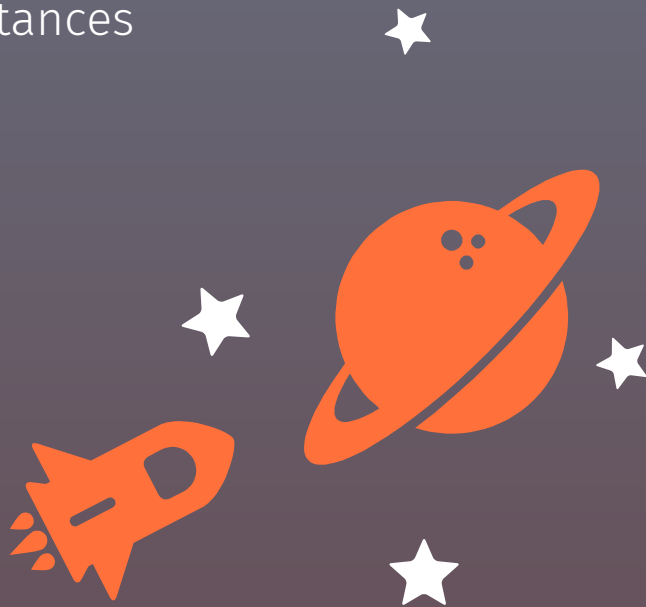# What are we going to see in this session?

Let's do some more activities with AWS instances

- Attach security group
- Attach tags
- Attach SSH Key pairs
- Spawn more instances
- Apply auto approve

Attach Security group

main.tf

```
resource "aws_instance" "Fifth_EC2" {
            ami = lookup (var.AMI, var.AWS_REGION)
            instance_type = "t2.micro"
            vpc_security_group_ids = [var.SG]
            }
```

vars.tf [You can just add these lines in your existing vars file]

```
# Security Group
variable "SG" {
            default = "sg-0eb17f441dd42907f"
}
```

Code : git-repo [file path : Terraform/Codes/E7_more_attributes_ec2

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Attach Tags

main.tf

```
resource "aws_instance" "Fifth_EC2" {
            ami = lookup (var.AMI, var.AWS_REGION)
            instance_type = "t2.micro"
            vpc_security_group_ids = [var.SG]
            tags = {Name = "HTTP_SERVER"}
            }
```

Code : git-repo [file path : Terraform/Codes/E7_more_attributes_ec2

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Attach Key pairs

main.tf

```
resource "aws_instance" "Fifth_EC2" {
          ami = lookup (var.AMI, var.AWS_REGION)
          instance_type = "t2.micro"
          vpc_security_group_ids = [var.SG]
          tags = {Name = "HTTP_SERVER"}
          key_name = "vjpaws89"
          }
```

Code : git-repo [file path : Terraform/Codes/E7_more_attributes_ec2

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Spawn more instance

The Count parameter on resources can simplify configurations and let you scale resources by simply incrementing a number.

main.tf

```
resource "aws_instance" "Fifth_EC2" {
          ami = lookup (var.AMI, var.AWS_REGION)
          instance_type = "t2.micro"
          vpc_security_group_ids = [var.SG]
          tags = {Name = "HTTP_SERVER"}
          key_name = "vjpaws89"
          count = 2
          }
```

Code : git-repo [file path : Terraform/Codes/E7_more_attributes_ec2

Apply Auto Approve

- terraform apply always ask for approval which is bit annoying and stops us to enjoy real automation.
- To skip the approval you can just do..

  terraform apply –auto-approve

End of this topic !

Any questions?

TERRAFORM