What are we going to see in this session?

- How you should structure your code?
- Common best practises recommended by Terraform
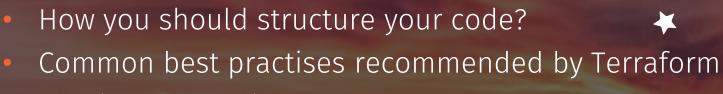- Naming conventions

Common best practices recommended by TF

- Putting all code in [main.tf] file is a good idea when you are getting started or writing an example code.
- In all other cases you will be better having several files split logically like this below.

- ✓ main.tf - call modules, locals and data-sources to create all resources
- ✓ variables.tf - contains declarations of variables used in main.tf
- ✓ outputs.tf - contains outputs from the resources created in main.tf
- ✓ terraform.tfvars - contains your secret stuffs.

Naming Conventions

General conventions [optional]
- Use _ (underscore) instead of - (dash) in all
- ✓ resource names
- ✓ variable names
- ✓ Outputs

Beware that actual cloud resources have many hidden restrictions in their naming conventions. Some cannot contain dashes hence it is better to follow best practices wherever possible.
- ✓ Only use lowercase letters and numbers.
- ✓ Do not repeat resource type in resource name (not partially, nor completely):

> Good: resource "aws_route_table" "public" {}
> Bad: resource "aws_route_table" "public_route_table" {}
> Bad: resource "aws_route_table" "public_aws_route_table" {}

End of this topic !

Any questions?

TERRAFORM