**Challenge-2**

We need to write code that will query the meta data of an instance within AWS and provide a json formatted output. The choice of language and implementation is up to you.

**Bonus Points**

The code allows for a particular data key to be retrieved individually

**Solution: -**

Note: - Using terraform for the above solution

# Terraform & Google provider version requirements

Main.tf

terraform {

required\_version = "<= 0.12.23"

}

# Setting GCP project for running the gcloud command

provider "google" {

project = var.gcp\_project\_id. #example- project1

}

resource "null\_resource" "meta-data {

provisioner "local-exec" {

command = " gcloud compute instances describe instance1 --flatten="metadata []"

}

}

Json Output: -

terraform output -json

The code allows for a particular data key to be retrieved individually

**--flatten="metadata []** flag to scope the output to a particular data key.

Example –

gcloud compute instances describe instance1 --flatten="metadata[instance-id]

output –

{

"instance-id": {

"sensitive": false,

"type": "string",

"value": "ins-3465278900"

},

}