**GitHub Copilot Chat:**

Generate a Terraform configuration that:

* Uses the AWS provider (hashicorp/aws) with version 5.83.1.
* Sets the region to us-east-1.
* Uses secure Terraform variables for access\_key and secret\_key.
* Provides default values for access\_key and secret\_key as "".

**GitHub Copilot Inline:**

# Generate a Terraform configuration that:

# - Uses the AWS provider (`hashicorp/aws`) with version `5.83.1`.

# - Sets the region to `ap-south-1`.

# - Uses secure Terraform variables for `access\_key` and `secret\_key`.

# - Provides default values for `access\_key` and `secret\_key` as "".

@echo off

echo Initializing Terraform...

terraform init

echo Terraform initialized.

echo terraform plan...

terraform plan

echo Terraform plan complete.

echo Applying Terraform...

terraform apply -auto-approve

echo Terraform applied.

echo Terraform setup complete.

**EC2 Instance GitHub Copilot Chat Prompt**

Generate a Terraform configuration (instance.tf) to create a simple EC2 instance on AWS.

* Use an official ubuntu AMI.
* Create an EC2 instance with t2.micro instance type.
* Follow Terraform best practices, using variables where applicable.

**GitHub Copilot Chat Prompt for S3 Bucket**

Generate a Terraform configuration (bucket.tf) to create a simple S3 bucket on AWS.

* Bucket-name “pluralsight-hks-s3-bucket”
* Follow Terraform best practices, using variables where applicable.