provider "aws" {

region = var.region

}

resource "aws\_instance" "debian\_ec2" {

ami = var.ami\_id

instance\_type = var.instance\_type

key\_name = var.key\_name

associate\_public\_ip\_address = true

vpc\_security\_group\_ids = [aws\_security\_group.allow\_ssh.id]

tags = {

Name = "Debian-Terraform-EC2"

}

}

resource "aws\_security\_group" "allow\_ssh" {

name = "allow\_ssh"

description = "Allow SSH inbound traffic"

ingress {

from\_port = 22

to\_port = 22

protocol = "tcp"

cidr\_blocks = ["0.0.0.0/0"] # Use your IP/CIDR for better security

}

egress {

from\_port = 0

to\_port = 0

protocol = "-1"

cidr\_blocks = ["0.0.0.0/0"]

}

}