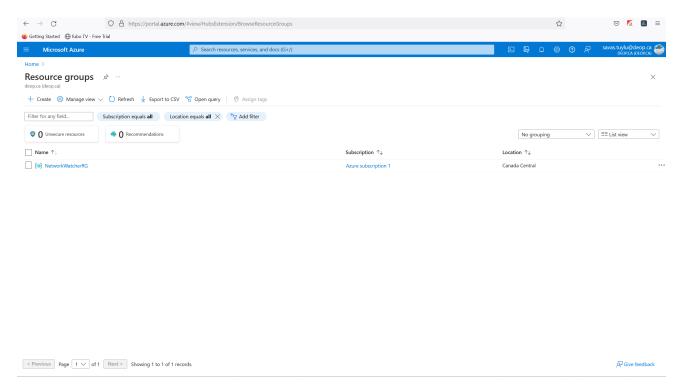
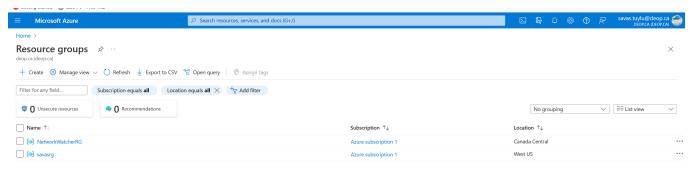
Deployment of Resource Group, Virtual Machine, and Storage Account via Hashicorp_Terraform

Resources | hashicorp/azurerm

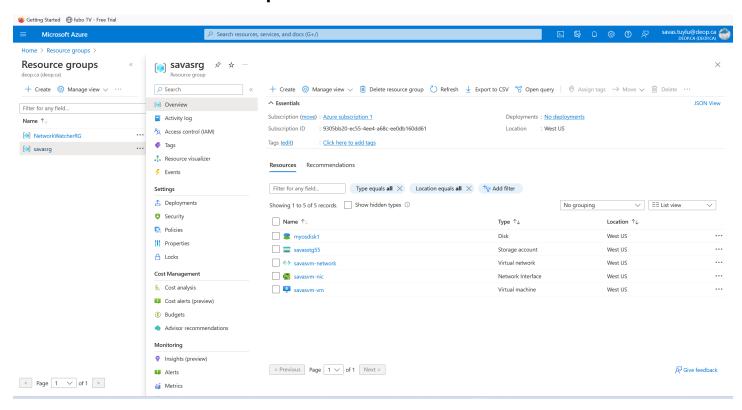
1-Before deployment in Portal



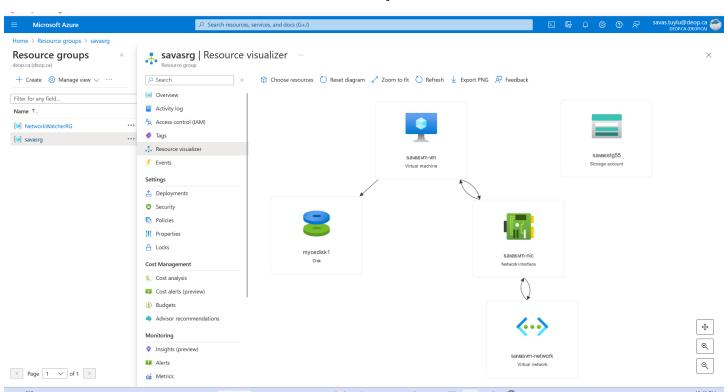
2- After deployment in Portal



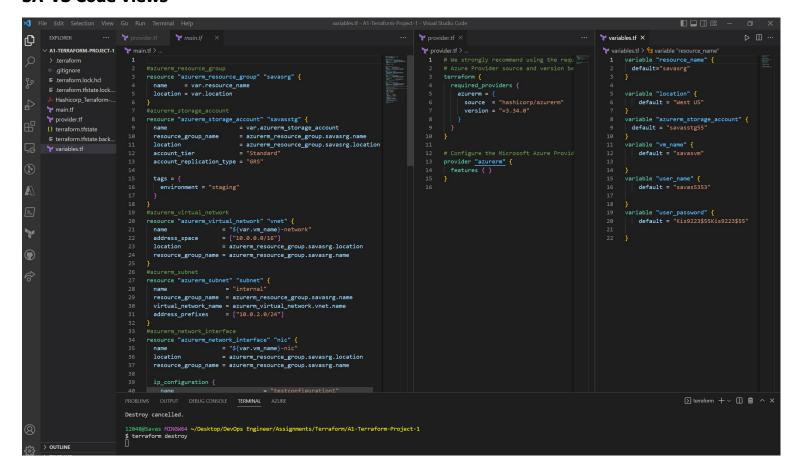
2A-Resources in Resource Group



2B-Visualization of Resources in Resource Group



3A-VS Code Views



3B-VS Code Views

```
💙 variables.tf 🗡
Ф

      ✓ A1-TERRAFORM-PROJECT-1
      ★ main.tf > ...

      > .terraform
      38

      ◆ .qitiqnore
      39

                                                                                                                                                                                                                                                                                                                                                                                       variables.tf > % variable "resource_name"
variable "resource_name" {
                                                                                                                                                                                                                                                                            # We strongly recommend using the requ
# Azure Provider source and version be
terraform {
required_providers {
                                                                                                                                                                                                                                                                                                                                                                                                         default="savasrg"
                                                                                      rame = "testconfiguration1"
subnet_id = azurerm_subnet.subnet.id
private_ip_address_allocation = "Dynamic"

    .terraform.tfstate.lock....

                                                                                                                                                                                                                                                                                        azurerm = {
  source = "hashicorp/azurerm"
  version = "=3.34.0"
                                                              43 }
44 }
55 #azurerm_virtual_machine
66 resource "azurerm_virtual_machine" "vm" {
67 name = "${var.vm_name}-vm"
68 location = azurerm_resource_group.savasrg.location
69 resource_group_name = azurerm_resource_group.savasrg.name
60 network_interface_ids = [azurerm_network_interface.nic.id]
61 vm_size = "Standard_DS1_v2"
62 **Standard_DS1_v2"
63 **Standard_DS1_v2"
64 **Standard_DS1_v2"
65 **Standard_DS1_v2"
66 **Standard_DS1_v2"
66 **Standard_DS1_v2"
67 **Standard_DS1_v2"
                                                                                                                                                                                                                                                                                                                                                                                                             default = "West US"
              main.tf

    ■ terraform.tfstate.back...

                                                                                                                                                                                                                                                                                                                                                                                                     variable "vm_name" {
    default = "savasvm"
                                                                                                                                                                                                                                                                              # Configure the Microsoft Azure Provid provider <u>"azurerm"</u> { features { }
                                                                                                                                                                                                                                                                                                                                                                                                     variable "user_name" {
    default = "savas5353"
                                                                                   # Uncomment this line to delete the OS disk automatically when dele delete_os_disk_on_termination = true
                                                                                   # Uncomment this line to delete the data disks automatically when d
delete_data_disks_on_termination = true
                                                                                                                                                                                                                                                                                                                                                                                                    variable "user_password" {
    default = "Kis9223$55Kis9223$55"
                                                                                   storage_image_reference {
    publisher = "Canonical"
    offer = "UbuntuServer"
    sku = "16.04-LTS"
    version = "latest"
  }
os_profile {
computer_name = var.vm_name
admin_username = var.user_name
admin_password = var.user_password
                                                                                  os_profile_linux_config {
disable password authentication = false
                                                                 77 | disable password authentication = fal
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL AZURE
                                                                                                                                                                                                                                                                                                                                                                                                                                            > terraform + ∨ □ 🛍 ^ ×
                                                                Do you really want to destroy all resources?
Terraform will destroy all your managed infrastructure, as shown above.
There is no undo. Only 'yes' will be accepted to confirm.
         > OUTLINE
> TIMELINE
```

3C-VS Code Views

