Cuenta Azure

Install NuGet : NuGet package is a single ZIP file with the . nupkg extension that contains compiled code (DLLs),

Pasos realizados para conectarte:

<https://learn.microsoft.com/en-us/powershell/azure/install-azps-windows?view=azps-10.0.0&tabs=powershell&pivots=windows-psgallery>

Pasos para crear el grupo de recursos y datafactory:

<https://learn.microsoft.com/en-us/azure/data-factory/quickstart-create-data-factory-powershell#azure-powershell>

Nota: Ejecutar desde administrador power shell

1er paso:

Install-Module -Name Az -Repository PSGallery -Force

2do paso:

Update-Module -Name Az -Force

3er paso:(conectarse a azure)

Connect-AzAccount

OTRA FORMA :   
$username = 'info@ninjadata.school'

$password='NinjaData2023.'

$SecurePassword = ConvertTo-SecureString “$password” -AsPlainText -Force

Write-Host $SecurePassword

$credentials = New-Object System.Management.Automation.PSCredential($username, $SecurePassword)

Login-AzAccount -Credential $credentials

--problems: activar politica de ejecucion de script

Texto

Descripción generada automáticamente

Solution:

Set-ExecutionPolicy RemoteSigned -Scope CurrentUser

Interfaz de usuario gráfica, Texto

Descripción generada automáticamente

<https://www.cdmon.com/es/blog/la-ejecucion-de-scripts-esta-deshabilitada-en-este-sistema-te-contamos-como-actuar>

Visualización final al ejecutar el comando Connect-AzAccount:

Texto

Descripción generada automáticamente con confianza media

Paso 4:(crear el blob storage - manual)

* Obtener de security: accountName, AccountKey
* Automatico :

New-AzStorageAccount -ResourceGroupName $resourceGroupName -Name $mystorageaccount -Location 'East US' -SkuName 'Standard\_GRS' -Kind 'BlobStorage' -AccessTier 'Hot'

Paso 5:(create datafactory)

* Create GroupName

$resourceGroupName = "ADFQuickStartRG";

$ResGrp = New-AzResourceGroup $resourceGroupName -location 'East US'

* Create datafactory

$dataFactoryName = "ADFRonalFactory";

$DataFactory = Set-AzDataFactoryV2 -ResourceGroupName $ResGrp.ResourceGroupName `

-Location $ResGrp.Location -Name $dataFactoryName

Paso 6:(creacion de componentes para copy data)

-- Te ubica en la ruta de tus archivos

Set-Location 'C:\Users\RONAL\Desktop\ADFv2QuickStartPSH'

--Crear linkedServices(Adecuar en el json el accountName y accountKey)

Set-AzDataFactoryV2LinkedService -DataFactoryName $DataFactory.DataFactoryName `

-ResourceGroupName $ResGrp.ResourceGroupName -Name "AzureStorageLinkedService" `

-DefinitionFile ".\AzureStorageLinkedService.json"

--Crea dataset input

Set-AzDataFactoryV2Dataset -DataFactoryName $DataFactory.DataFactoryName `

-ResourceGroupName $ResGrp.ResourceGroupName -Name "InputDataset" `

-DefinitionFile ".\InputDataset.json"

--Crea dataset output

Set-AzDataFactoryV2Dataset -DataFactoryName $DataFactory.DataFactoryName `

-ResourceGroupName $ResGrp.ResourceGroupName -Name "OutputDataset" `

-DefinitionFile ".\OutputDataset.json"

--Crea el pipeline

$DFPipeLine = Set-AzDataFactoryV2Pipeline `

-DataFactoryName $DataFactory.DataFactoryName `

-ResourceGroupName $ResGrp.ResourceGroupName `

-Name "Adfv2QuickStartPipeline" `

-DefinitionFile ".\Adfv2QuickStartPipeline.json"

--Ejecuta el pipeline

$RunId = Invoke-AzDataFactoryV2Pipeline `

-DataFactoryName $DataFactory.DataFactoryName `

-ResourceGroupName $ResGrp.ResourceGroupName `

-PipelineName $DFPipeLine.Name