

# Power Platform Inventory



Power Platform Inventory  
The Simplest Possible

Environments

10

Makers

3

Canvas Apps

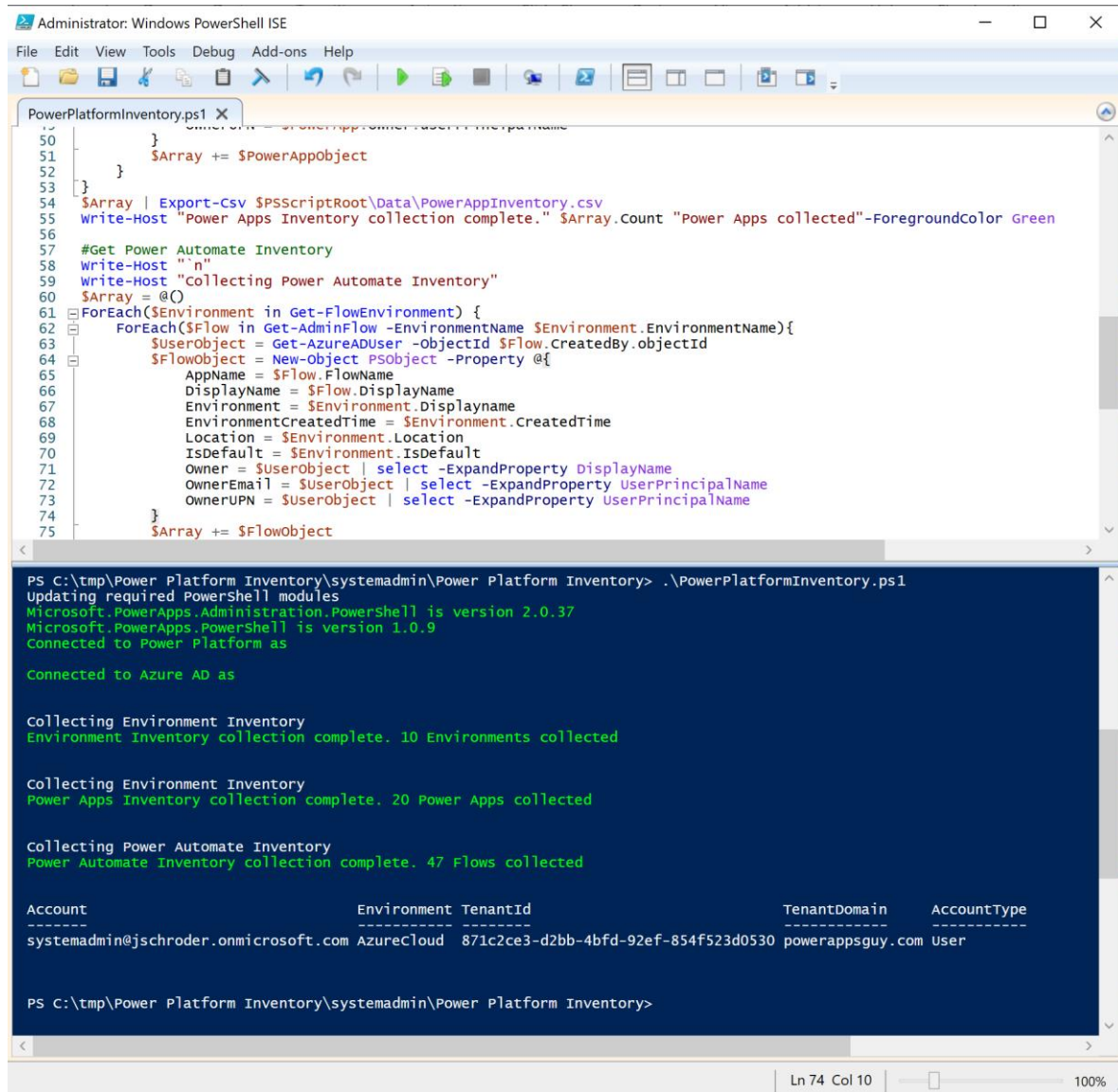
20

Flows

47

# Open Windows PowerShell ISE as Administrator

## Run the PowerPlatformInventory.ps1 script



```
Administrator: Windows PowerShell ISE
File Edit View Tools Debug Add-ons Help
PowerPlatformInventory.ps1 X
50 }
51 } $Array += $PowerAppObject
52 }
53 }
54 $Array | Export-Csv $PSScriptRoot\Data\PowerAppInventory.csv
55 Write-Host "Power Apps Inventory collection complete." $Array.Count "Power Apps collected"-ForegroundColor Green
56
57 #Get Power Automate Inventory
58 Write-Host "`n"
59 Write-Host "Collecting Power Automate Inventory"
60 $Array = @()
61 foreach($Environment in Get-FlowEnvironment) {
62     foreach($Flow in Get-AdminFlow -EnvironmentName $Environment.EnvironmentName){
63         $UserObject = Get-AzureADUser -ObjectId $Flow.CreatedBy.objectId
64         $FlowObject = New-Object PSObject -Property @{
65             AppName = $Flow.FlowName
66             DisplayName = $Flow.DisplayName
67             Environment = $Environment.DisplayName
68             EnvironmentCreatedTime = $Environment.CreatedTime
69             Location = $Environment.Location
70             IsDefault = $Environment.IsDefault
71             Owner = $UserObject | select -ExpandProperty DisplayName
72             OwnerEmail = $UserObject | select -ExpandProperty UserPrincipalName
73             OwnerUPN = $UserObject | select -ExpandProperty UserPrincipalName
74         }
75         $Array += $FlowObject
76     }
77 }
78 $Array | Export-Csv $PSScriptRoot\Data\FlowsInventory.csv
79 Write-Host "Power Automate Inventory collection complete." $Array.Count "Flows collected"-ForegroundColor Green
80 Write-Host "`n"
```

```
PS C:\tmp\Power Platform Inventory\systemadmin\Power Platform Inventory> .\PowerPlatformInventory.ps1
Updating required PowerShell modules
Microsoft.PowerApps.Administration.PowerShell is version 2.0.37
Microsoft.PowerApps.PowerShell is version 1.0.9
Connected to Power Platform as
Connected to Azure AD as

Collecting Environment Inventory
Environment Inventory collection complete. 10 Environments collected

Collecting Environment Inventory
Power Apps Inventory collection complete. 20 Power Apps collected

Collecting Power Automate Inventory
Power Automate Inventory collection complete. 47 Flows collected

Account Environment TenantId TenantDomain AccountType
-----
systemadmin@jschroder.onmicrosoft.com Azurecloud 871c2ce3-d2bb-4bfd-92ef-854f523d0530 powerappsguy.com User

PS C:\tmp\Power Platform Inventory\systemadmin\Power Platform Inventory>
```

```
Write-Host "Updating required PowerShell modules"

Install-Module -Name Microsoft.PowerApps.Administration.PowerShell -AllowClobber -Force -ErrorAction Stop
$AdminModuleVersion = Get-Module -Name Microsoft.PowerApps.Administration.PowerShell | select Version
Write-Host "Microsoft.PowerApps.Administration.PowerShell is version" $AdminModuleVersion.Version -ForegroundColor Green

Install-Module -Name Microsoft.PowerApps.PowerShell -AllowClobber -Force -ErrorAction Stop
$PowerAppsModuleVersion = Get-Module -Name Microsoft.PowerApps.PowerShell | select Version
Write-Host "Microsoft.PowerApps.PowerShell is version" $PowerAppsModuleVersion.Version -ForegroundColor Green

Add-PowerAppsAccount
Write-Host "Connected to Power Platform as" $Cred.UserName -ForegroundColor Green

Connect-AzureAD
Write-Host "Connected to Azure AD as" $Cred.UserName -ForegroundColor Green

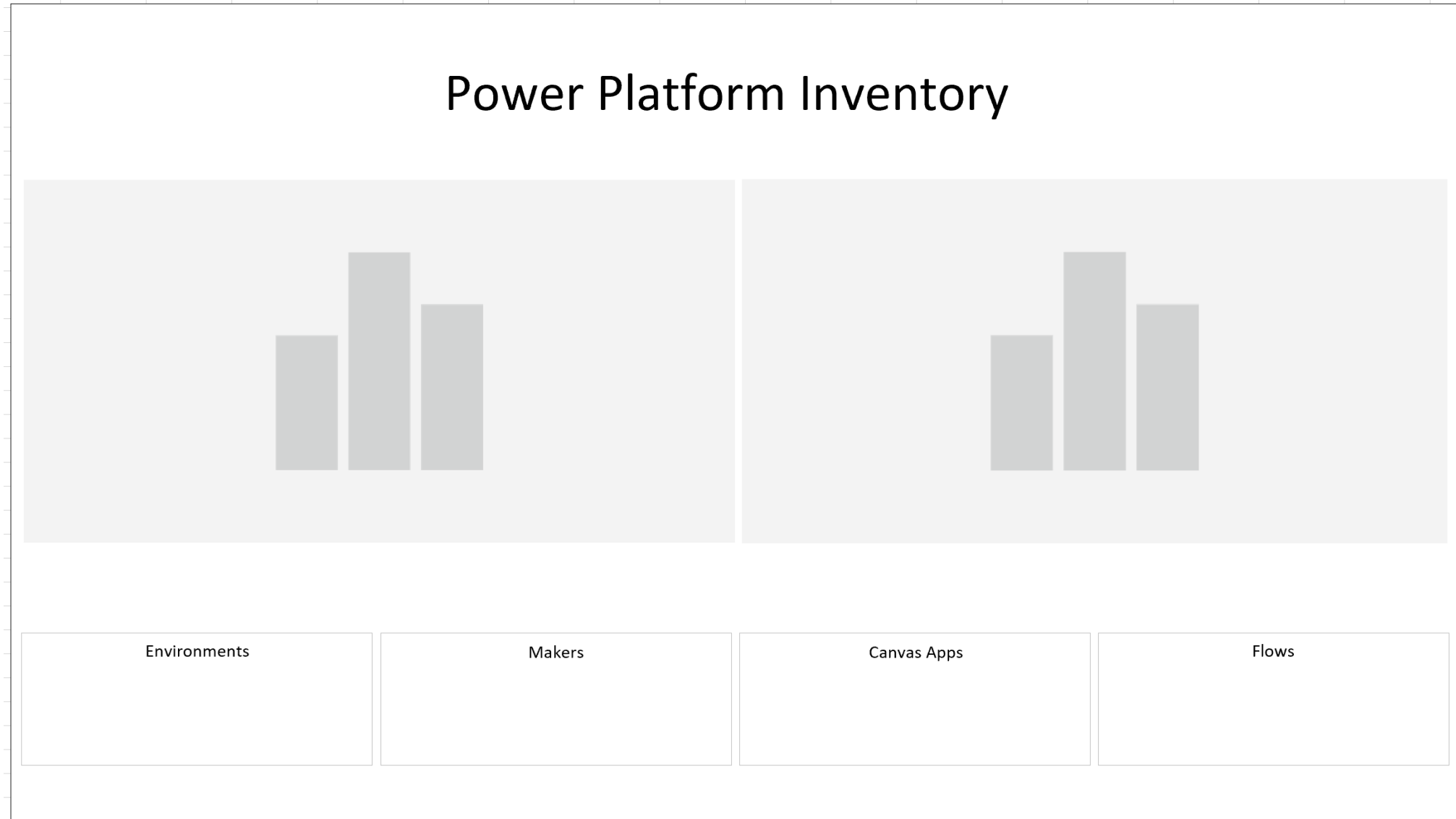
#Get Environment Inventory
Write-Host "`n"
Write-Host "Collecting Environment Inventory"
$Array = @()
foreach($Environment in Get-PowerAppEnvironment) {
    $EnvironmentObject = New-Object PSObject -Property @{
        Environment = $Environment.DisplayName
        EnvironmentOwner = $Environment.CreatedBy
        EnvironmentCreatedTime = $Environment.CreatedTime
        Location = $Environment.Location
        IsDefault = $Environment.IsDefault
    }
    $Array += $EnvironmentObject
}
$Array | Export-Csv $PSScriptRoot\Data\Environments.csv
Write-Host "Environment Inventory collection complete." $Array.Count "Environments collected"-ForegroundColor Green

#Get Power Apps Inventory
Write-Host "`n"
Write-Host "Collecting Power Apps Inventory"
$Array = @()
foreach($Environment in Get-PowerAppEnvironment) {
    foreach($PowerApp in Get-AdminPowerApp -EnvironmentName $Environment.EnvironmentName){
        $PowerAppObject = New-Object PSObject -Property @{
            AppName = $PowerApp.AppName
            DisplayName = $PowerApp.DisplayName
            Environment = $Environment.DisplayName
            EnvironmentCreatedTime = $Environment.CreatedTime
            Location = $Environment.Location
            IsDefault = $Environment.IsDefault
            Owner = $PowerApp.Owner.displayName
            OwnerEmail = $PowerApp.Owner.email
            OwnerUPN = $PowerApp.Owner.userPrincipalName
        }
        $Array += $PowerAppObject
    }
}
$Array | Export-Csv $PSScriptRoot\Data\PowerAppInventory.csv
Write-Host "Power Apps Inventory collection complete." $Array.Count "Power Apps collected"-ForegroundColor Green

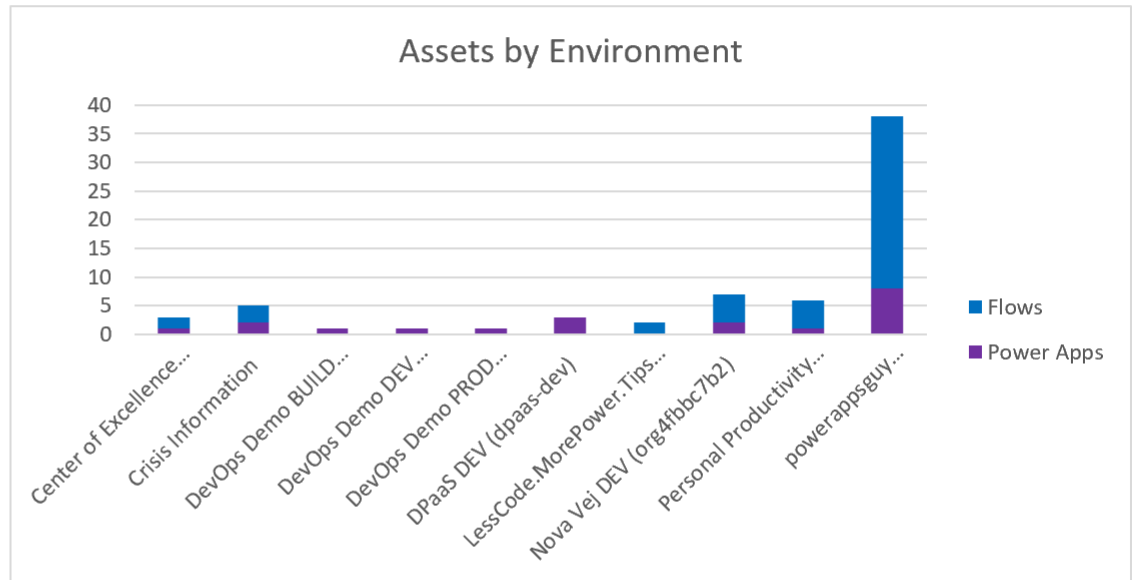
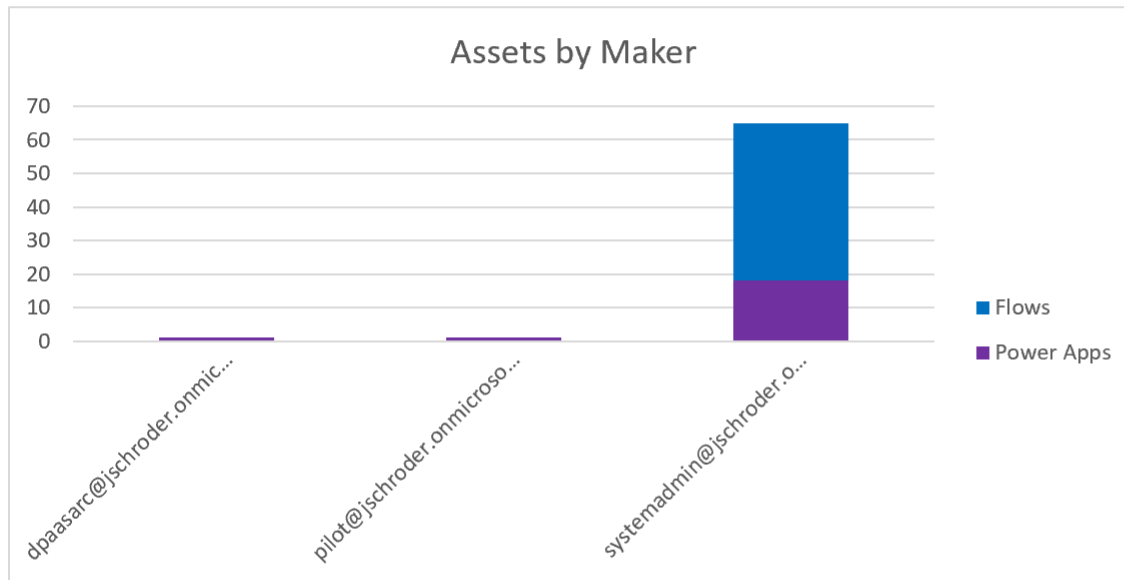
#Get Power Automate Inventory
Write-Host "`n"
Write-Host "Collecting Power Automate Inventory"
$Array = @()
foreach($Environment in Get-FlowEnvironment) {
    foreach($Flow in Get-AdminFlow -EnvironmentName $Environment.EnvironmentName){
        $UserObject = Get-AzureADUser -ObjectId $Flow.CreatedBy.objectId
        $FlowObject = New-Object PSObject -Property @{
            AppName = $Flow.FlowName
            DisplayName = $Flow.DisplayName
            Environment = $Environment.DisplayName
            EnvironmentCreatedTime = $Environment.CreatedTime
            Location = $Environment.Location
            IsDefault = $Environment.IsDefault
            Owner = $UserObject | select -ExpandProperty DisplayName
            OwnerEmail = $UserObject | select -ExpandProperty UserPrincipalName
            OwnerUPN = $UserObject | select -ExpandProperty UserPrincipalName
        }
        $Array += $FlowObject
    }
}
$Array | Export-Csv $PSScriptRoot\Data\FlowInventory.csv
Write-Host "Power Automate Inventory collection complete." $Array.Count "Flows collected"-ForegroundColor Green
Write-Host "`n"
```

Open Power Platform Inventory.xlsx

Wait for the Workbook to update the dat model



# Power Platform Inventory



Environments

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