# Windows Install Script

## Install

1. To use the script:

# Save the script as install.ps1  
  
# You might need to set execution policy first:  
  
Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope CurrentUser  
.\install.ps1

This script will:

1. Check for Python installation
2. Install pip if not present
3. Create a virtual environment
4. Install required Python packages
5. Check and install AWS CLI if needed
6. Create an example CSV file
7. Provide instructions for next steps

After running the installation script, you'll need to:

1. Configure AWS credentials and create a profile (the profile will be used in the python file):

aws configure

1. Activate the virtual environment before running the main script
2. Update the Connect instance ID in the main script
3. Modify the example CSV file with your actual data

The scripts include error handling and provide feedback during the installation process. They also create an isolated virtual environment to avoid conflicts with other Python projects.

## install.ps1

# Install script for Windows  
Write-Host "Installing Connect User Profile Manager dependencies..."  
  
# Check if Python is installed  
try {  
    python --version  
}  
catch {  
    Write-Host "Python is not installed. Please install Python 3 first."  
    Write-Host "Visit: https://www.python.org/downloads/"  
    exit 1  
}  
  
# Check if pip is installed  
try {  
    pip --version  
}  
catch {  
    Write-Host "pip is not installed. Installing pip..."  
    Invoke-WebRequest -Uri https://bootstrap.pypa.io/get-pip.py -OutFile get-pip.py  
    python get-pip.py  
    Remove-Item get-pip.py  
}  
  
# Create virtual environment  
Write-Host "Creating virtual environment..."  
python -m venv venv  
  
# Activate virtual environment  
Write-Host "Activating virtual environment..."  
.\venv\Scripts\Activate.ps1  
  
# Install required packages  
Write-Host "Installing required packages..."  
pip install --upgrade pip  
pip install boto3  
pip install typing  
  
# Check AWS CLI installation  
try {  
    aws --version  
}  
catch {  
    Write-Host "AWS CLI is not installed. Installing AWS CLI..."  
    Invoke-WebRequest -Uri https://awscli.amazonaws.com/AWSCLIV2.msi -OutFile AWSCLIV2.msi  
    Start-Process msiexec.exe -Wait -ArgumentList '/i AWSCLIV2.msi /quiet'  
    Remove-Item AWSCLIV2.msi  
}  
  
# Create example CSV file  
Write-Host "Creating example CSV file..."  
@"  
identifier,identifier\_type,action,attribute,value,level  
john.doe@example.com,username,add,Language,Spanish,5  
"@ | Out-File -FilePath "user\_attribute\_updates.csv" -Encoding UTF8  
  
Write-Host "Installation complete!"  
Write-Host "To activate the virtual environment, run: .\venv\Scripts\Activate.ps1"  
Write-Host "Please ensure you have configured your AWS credentials using 'aws configure'"