# Linux/MacOS Install Script

## Install

1. To use the script:

# Save the script as install.sh  
  
chmod +x install.sh  
./install.sh

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.sh Script

echo "Installing Connect User Profile Manager dependencies..."  
  
# Check if Python is installed  
if ! command -v python3 &> /dev/null; then  
echo "Python 3 is not installed. Please install Python 3 first."  
exit 1  
fi  
  
# Check if pip is installed  
if ! command -v pip3 &> /dev/null; then  
echo "pip3 is not installed. Installing pip..."  
curl <https://bootstrap.pypa.io/get-pip.py> -o get-pip.py  
python3 get-pip.py  
rm get-pip.py  
fi  
  
# Create virtual environment  
echo "Creating virtual environment..."  
python3 -m venv venv  
  
# Activate virtual environment  
source venv/bin/activate  
  
# Install required packages  
echo "Installing required packages..."  
pip install —upgrade pip  
pip install boto3  
pip install typing  
  
# Check AWS CLI installation  
if ! command -v aws &> /dev/null; then  
echo "AWS CLI is not installed. Installing AWS CLI..."  
curl "<https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip>" -o "awscliv2.zip"  
unzip awscliv2.zip  
sudo ./aws/install  
rm -rf aws awscliv2.zip  
fi  
  
echo "Creating example CSV file..."  
cat > user\_attribute\_updates.csv << EOL  
identifier,identifier\_type,action,attribute,value,level  
[john.doe@example.com](mailto:john.doe@example.com),username,add,Language,Spanish,5  
EOL  
  
echo "Installation complete!"  
echo "To activate the virtual environment, run: source venv/bin/activate"  
echo "Please ensure you have configured your AWS credentials using 'aws configure'"