# AWS s3 SYNC Setup

Windows Users

Steps:

1) The AWS CLI is supported on Microsoft Windows XP or later. For Windows users, the MSI installation package offers a familiar and convenient way to install the AWS CLI without installing any other prerequisites. Windows users should use the MSI installer unless they are already using pip for package management.

To install the AWS CLI using the MSI installer

Download the appropriate MSI installer.

<https://s3.amazonaws.com/aws-cli/AWSCLI64.msi> -64bit machines

2) Run the installer

3) To Confirm the installation (Assuming you already have Python Installed)

Use: Windows Powershell->aws –version

4) With Python and pip installed, use pip to install the AWS CLI:

Windows PowerShell

pip install awscli

To upgrade an existing AWS CLI installation, use the --upgrade option:

pip install --upgrade awscli

# For Linux Users

$ sudo pip install awscli

Configuring the AWS Command Line Interface

1. Once you have installed awscli you can configure it as below:
2. $ **aws configure**

AWS Access Key ID [None]: ***AKIAIOSFODNN7EXAMPLE***

AWS Secret Access Key [None]:***wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY***

Default region name [None]: ***us-west-2***

Default output format [None]: *ENTER*

# S3 SYNC

Syncs directories and S3 prefixes. Recursively copies new and updated files from the source directory to the destination. Only creates folders in the destination if they contain one or more files.

The following sync command syncs objects under a specified prefix and bucket to files in a local directory by uploading the local files to s3

1. Download [this zip file](https://s3.amazonaws.com/georgetown-analytics-2016/data_0.0.1.zip), and then unzip it into somewhere on your computer. This is how I have been storing the data so far
2. Run below command through Terminal if using Mac and Powershell if using Windows
   1. aws s3 sync <path to the folder> s3://huddata