

# FILE NAME WILDCARDS IN PYTHON

NOV 11, 2016

# FILENAME FOLLOWING A PATTERN

```
OMI-Aura_L3-OMTO3d_2016m0301_v003-2016m0303t113759.he5  
OMI-Aura_L3-OMTO3d_2016m0302_v003-2016m0305t030252.he5  
....  
....  
OMI-Aura_L3-OMTO3d_2016m0331_v003-2016m0402t032431.he5
```

'OMI-Aura\_L3-OMTO3d\_2016m' + **Day** + '\*'.he5'

# GLOB.GLOB()

```
import glob
```

```
day = 1
```

```
while (???):
```

```
    filename = glob.glob('OMI-Aura_L3-OMTO3d_2016m03' + format(day, '02d') + '* .he5')
```

```
    f = h5py.File(filename[0],mode='r')
```

```
#####
```

```
### All the plotting code ###
```

```
#####
```

```
day += 1
```

# PYTHON READINGS FOR WEDNESDAY

- Chap 12: 2-D Plotting
- Chap 13: Reading Scientific Datasets
- Chap 14: Basemap, Plotting Geographically Referenced Data