


```
fermi@76e734507a6f:/data/FermipyTutorial
(fermi) [fermi@76e734507a6f ~]$ cd /data
(fermi) [fermi@76e734507a6f data]$ mkdir FermipyTutorial
(fermi) [fermi@76e734507a6f data]$ cd FermipyTutorial
(fermi) [fermi@76e734507a6f FermipyTutorial]$
```

Download and unzip the tutorial file in FermiBottle

Next, in the FermiBottle window, use wget to download the data file into the tutorial directory using the command shown below.

wget <https://fermi.gsfc.nasa.gov/science/mtgs/summerschool/2021/fermipyTutorialData.tgz>

```
fermi@76e734507a6f:/data/FermipyTutorial
(fermi) [fermi@76e734507a6f FermipyTutorial]$
(fermi) [fermi@76e734507a6f FermipyTutorial]$
(fermi) [fermi@76e734507a6f FermipyTutorial]$ wget https://fermi.gsfc.nasa.gov/science/mtgs/summerschool/2021/fermipyTutorialData.tgz
--2021-06-14 16:54:24-- https://fermi.gsfc.nasa.gov/science/mtgs/summerschool/2021/fermipyTutorialData.tgz
Resolving fermi.gsfc.nasa.gov (fermi.gsfc.nasa.gov)... 129.164.179.26
Connecting to fermi.gsfc.nasa.gov (fermi.gsfc.nasa.gov)|129.164.179.26|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 576496751 (550M) [application/x-tar]
Saving to: a
 9K [=====>] 55,086,160 4,90MB/s eta
100K[=====>] 576,496,751 4,29MB/s in 2m 7s

2021-06-14 16:56:30 (4,34 MB/s) - a saved [576496751/576496751]
(fermi) [fermi@76e734507a6f FermipyTutorial]$
```

Then unzip and extract the archived files.

```
fermi@76e734507a6f:/data/FermipyTutorial
(fermi) [fermi@76e734507a6f FermipyTutorial]$ ls
FermipyTutorialData.tgz
LikelihoodWithFermipy2021.ipynb
config.yaml
data/PH00.fits
data/PH01.fits
data/SC00.fits
data/events.txt
data/evfile_00.txt
data/evfile_01.txt
data/evfile_02.txt
data/evfile_03.txt
data/ccube_00.fits
data/ccube_01.fits
data/ccube_02.fits
data/ccube_03.fits
data/ccube.fits
data/bxpsmap_00.fits
data/bxpsmap_01.fits
data/bxpsmap_02.fits
data/bxpsmap_03.fits
data/bxpsmap_roi_00.fits
data/bxpsmap_roi_01.fits
data/bxpsmap_roi_02.fits
data/bxpsmap_roi_03.fits
data/lcube_00.fits
data/lcube_01.fits
data/lcube_02.fits
data/lcube_03.fits
data/srcmap_00.fits
data/srcmap_01.fits
data/srcmap_02.fits
data/srcmap_03.fits
data/srcmdl_00.xml
data/srcmdl_01.xml
data/srcmdl_02.xml
data/srcmdl_03.xml
(fermi) [fermi@76e734507a6f FermipyTutorial]$
```

You should see something like this when you list the directory contents.

```
fermi@76e734507a6f:/data/FermipyTutorial
(fermi) [fermi@76e734507a6f FermipyTutorial]$ ls
config.yaml data FermipyTutorialData.tgz LikelihoodWithFermipy2021.ipynb
(fermi) [fermi@76e734507a6f FermipyTutorial]$ ls data
bxpsmap_00.fits bxpsmap_roi_02.fits ccube.fits ltcube_00.fits SC00.fits srcmdl_01.xml
bxpsmap_01.fits bxpsmap_roi_03.fits events.txt ltcube_01.fits srcmap_00.fits srcmdl_02.xml
bxpsmap_02.fits ccube_00.fits evfile_00.txt ltcube_02.fits srcmap_01.fits srcmdl_03.xml
bxpsmap_03.fits ccube_01.fits evfile_01.txt ltcube_03.fits srcmap_02.fits
bxpsmap_roi_00.fits ccube_02.fits evfile_02.txt PH00.fits srcmap_03.fits
bxpsmap_roi_01.fits ccube_03.fits evfile_03.txt PH01.fits srcmdl_00.xml
(fermi) [fermi@76e734507a6f FermipyTutorial]$
```

Start the Jupyter notebook

In that same directory, you can now run the notebook command to start the tutorial.