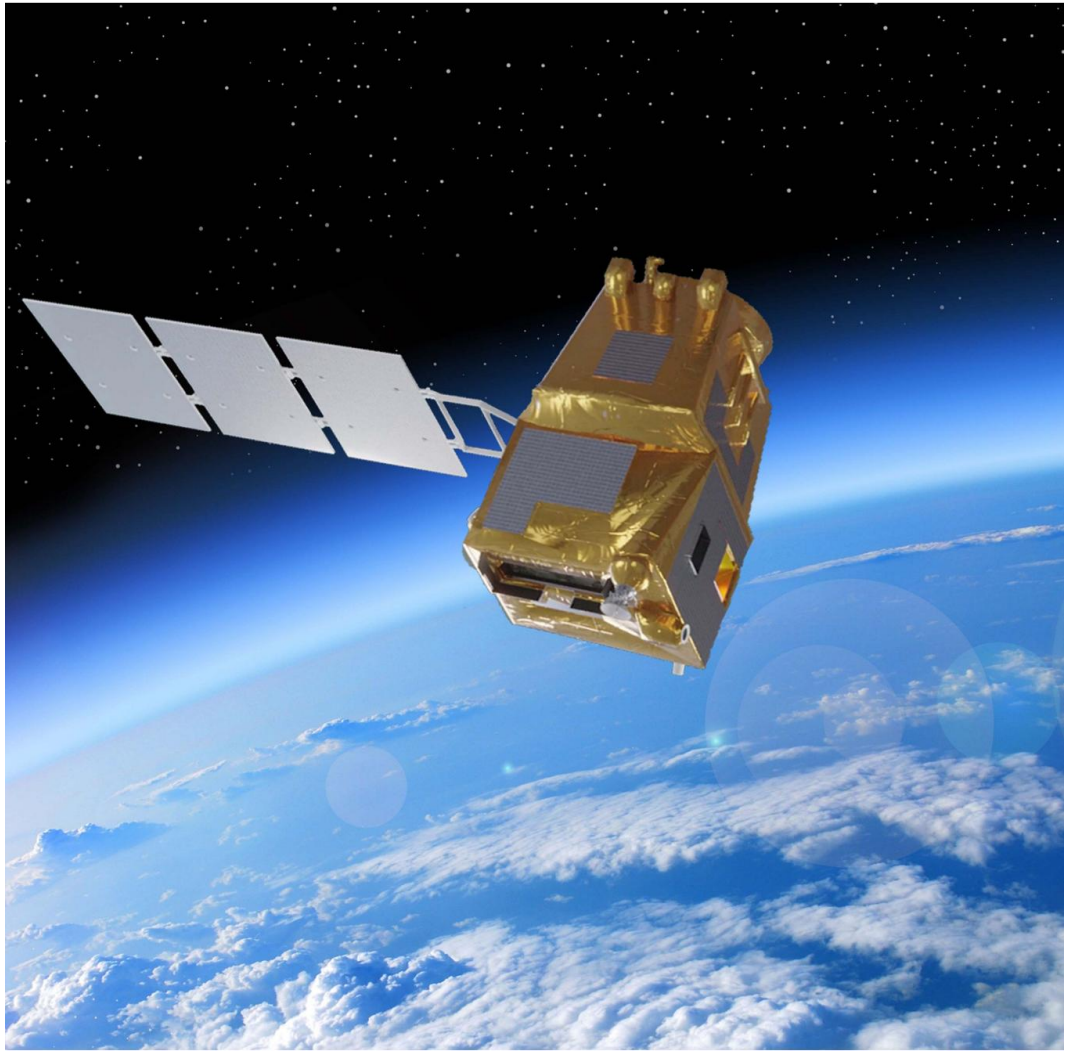

MASTERX

M4.8 PAYLOAD MISSION AND APPLICATIONS

TO-DO LIST BEFORE MODULE



PROFESOR: LUCIA SOTO SANTIAGO
ASIGNATURA: PAYLOADS AND MISSIONS APPLICATIONS (PLMA)

MASTER X®

WS2: Browsing Landsat data

1. Install QGIS from https://qgis.org/download/
2. Create account in USGS https://earthexplorer.usgs.gov/
3. Download any TIF file and open in QGIS.

WS1: Correction of Level-1 data

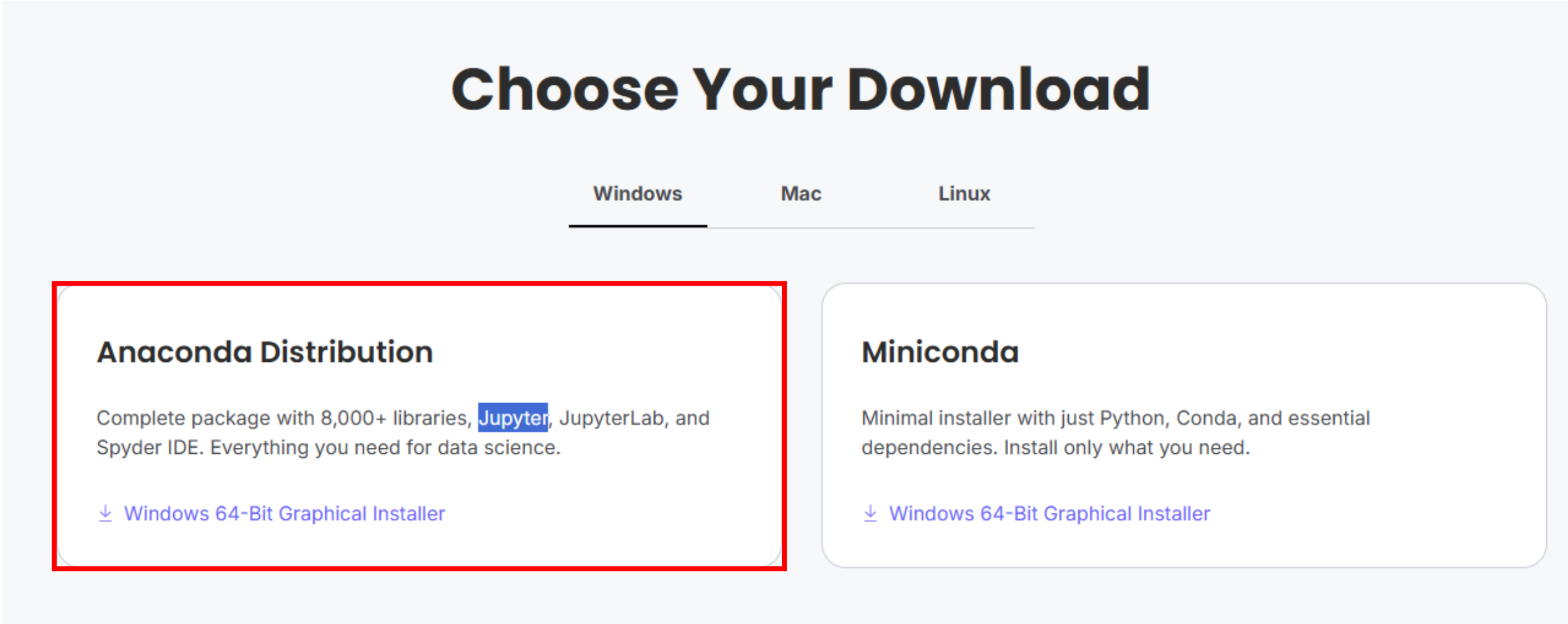
1. Install Panoply (requires Java) from https://www.giss.nasa.gov/tools/panoply/download/
2. Download Anaconda (Python) from https://www.anaconda.com/download

Requires user creation.

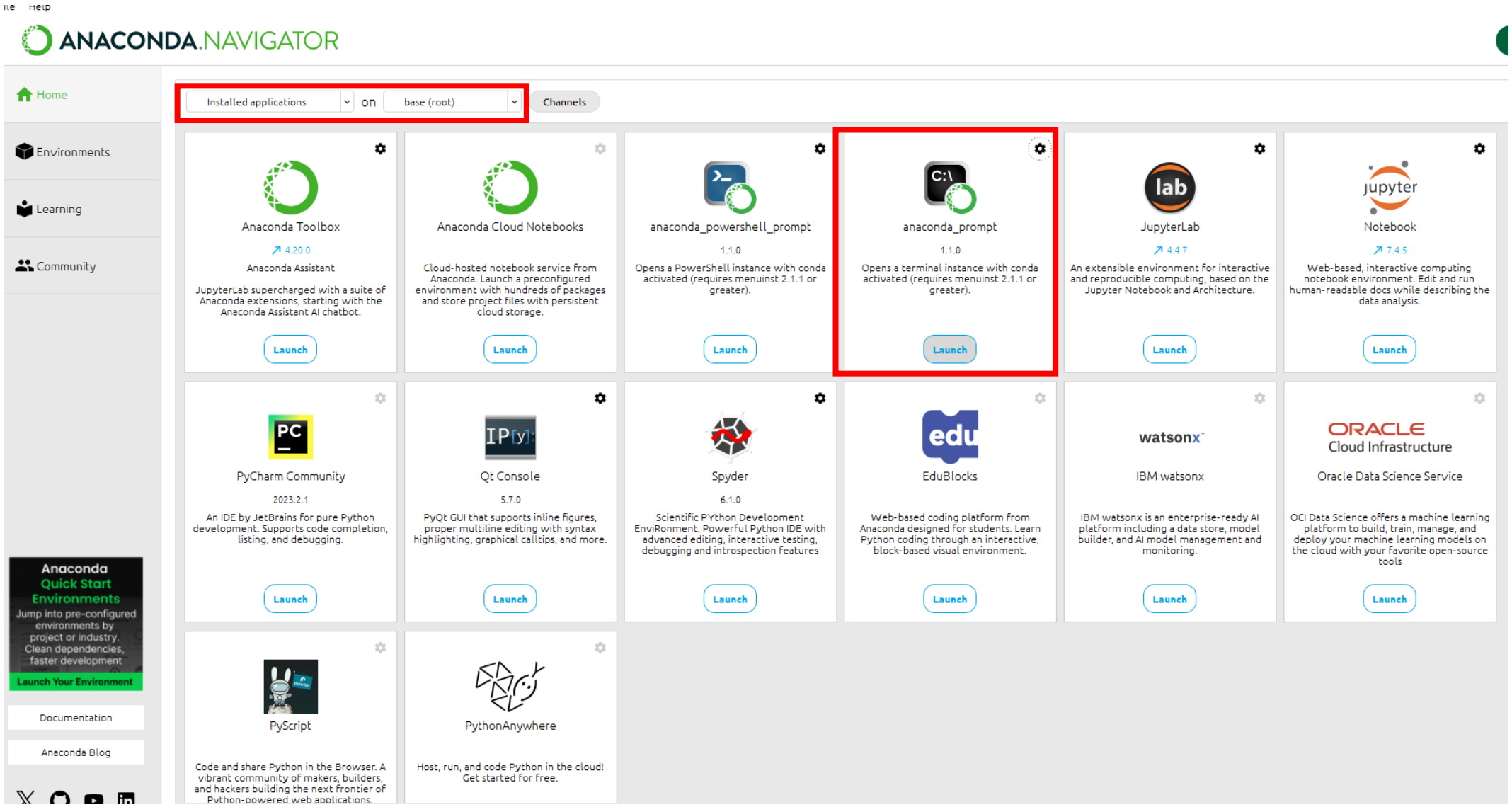
3. Install netCDF4 package (see following slide)
4. Download notebook and data from https://github.com/lsotouc3m/masterx_public
5. Test run l1b Jupyter Notebook

Download anaconda (~1.1Gb)

https://www.anaconda.com/download

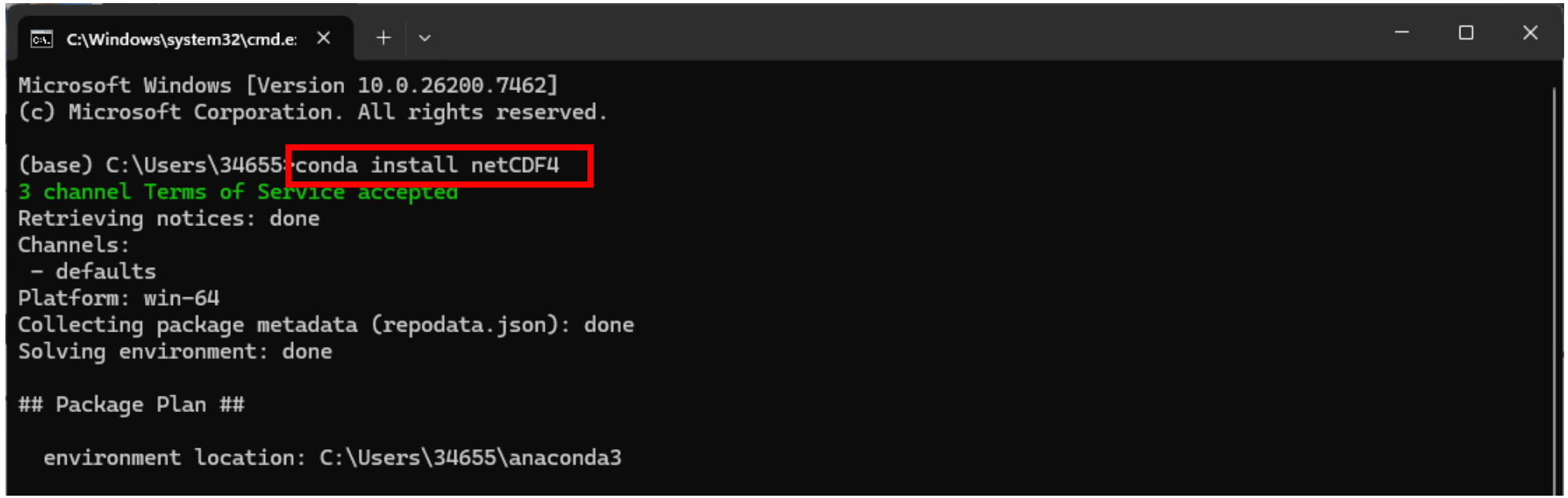


Install netCDF4 package (1/2)



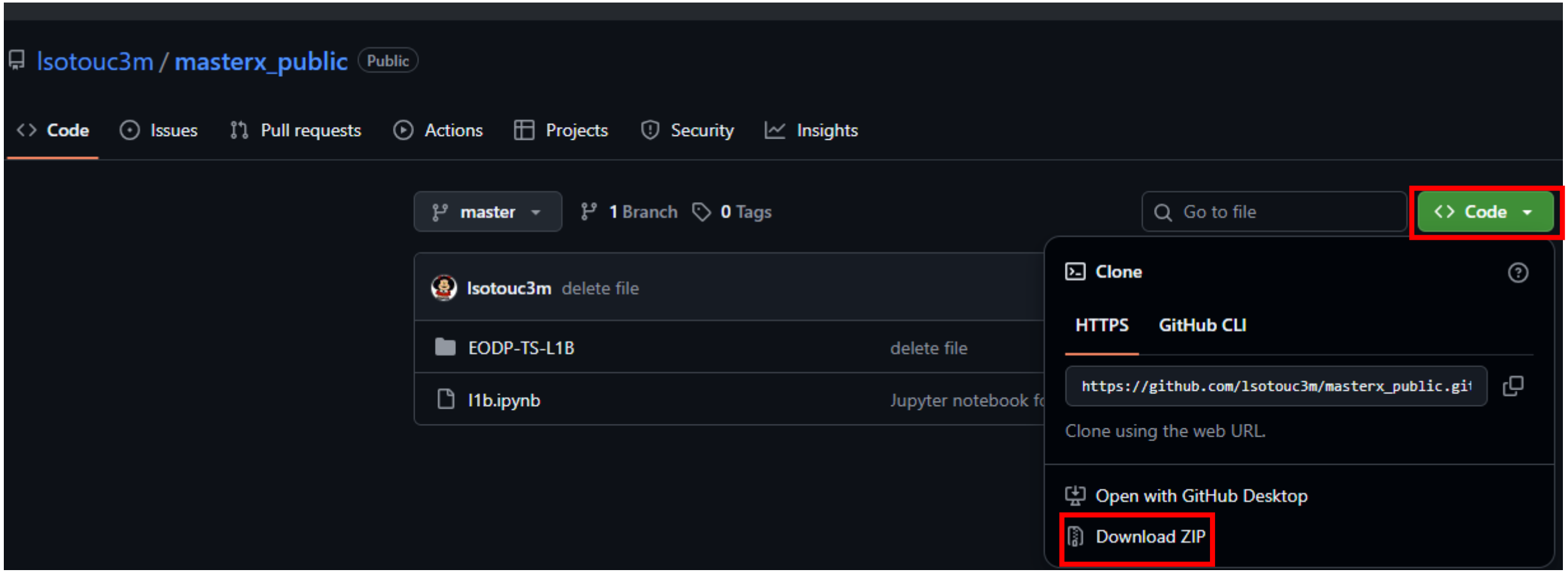
Install netCDF4 package (2/2)

Run „conda install netCDF4” in the command window

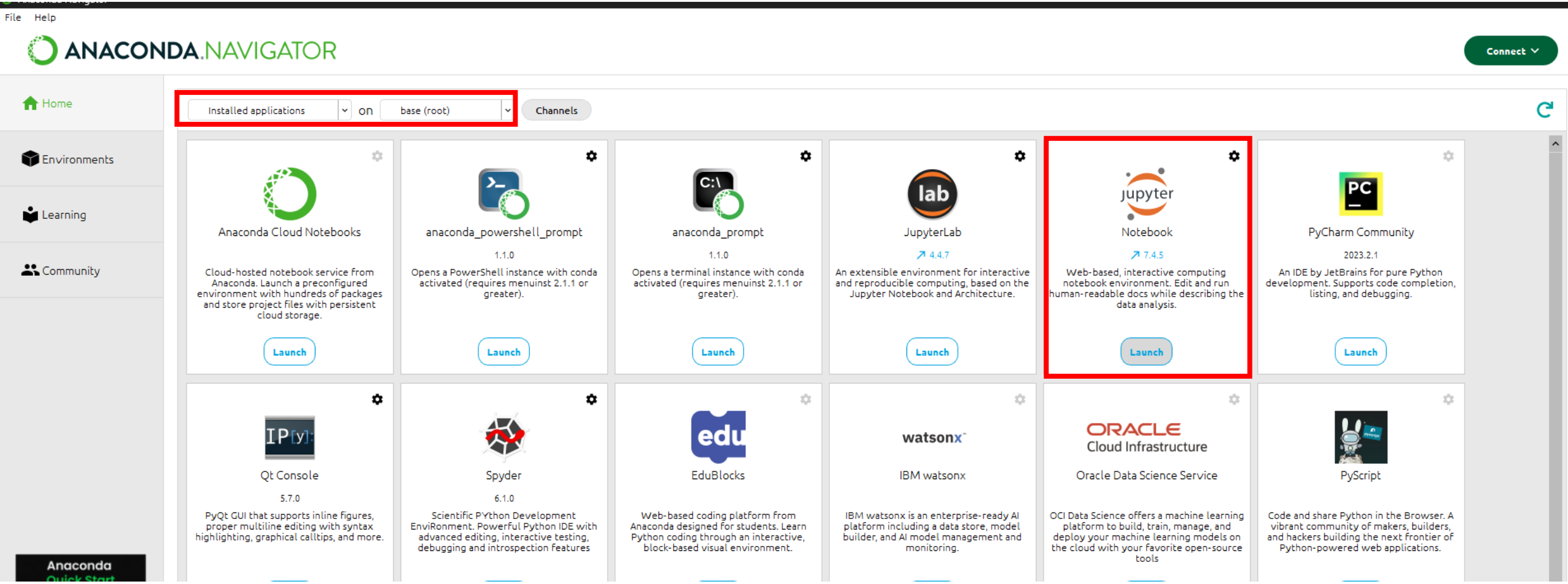


Download l1b notebook and data

https://github.com/lsotouc3m/masterx_public

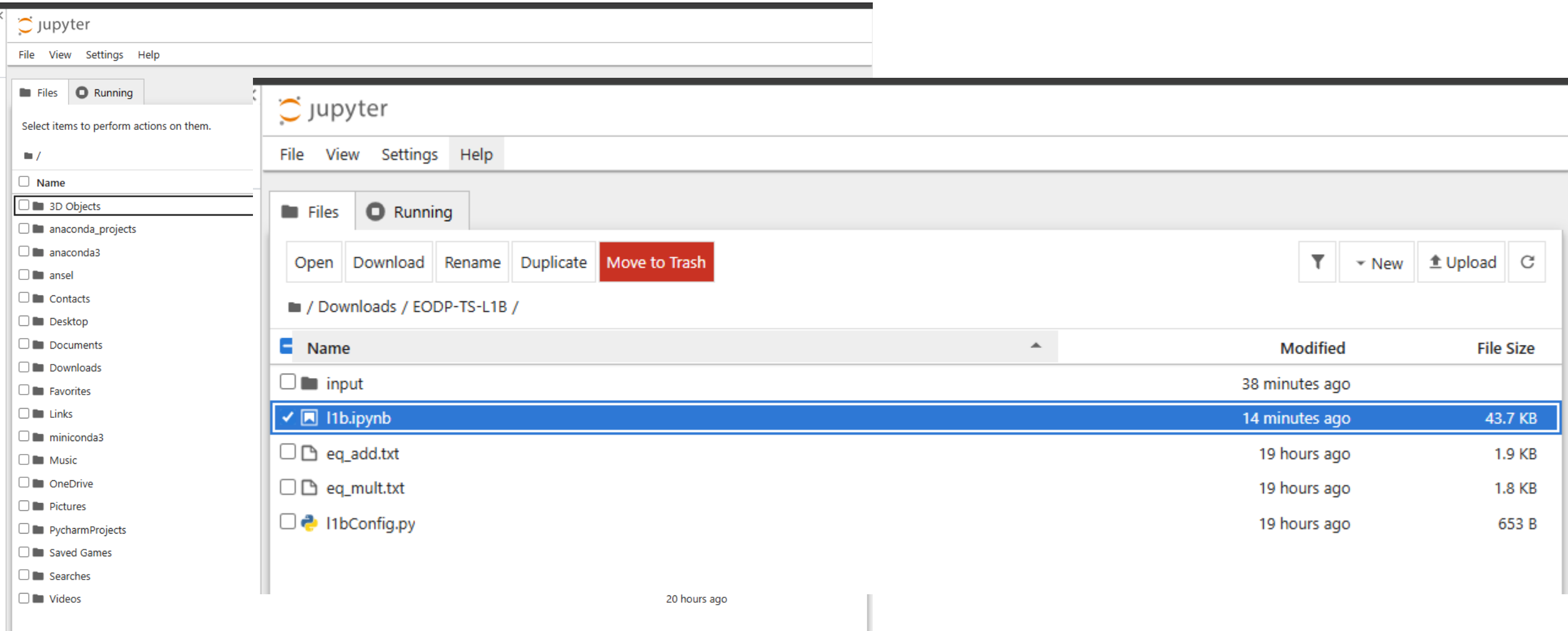


Launch jupyter notebook (1/3)



Launch jupyter notebook (2/3)

Navigate in the Files to wherever you have downloaded the l1b notebook and data. Click on „l1b.ipynb” and it will open the notebook in your browser.



Launch jupyter notebook (3/3)

Run a hello world and make sure you don’t get any errors importing the following packages: