**Steps**

The example here follows the ‘Example 1: Preprocessing’ steps [found here](https://miykael.github.io/nipype_tutorial/notebooks/example_preprocessing.html) and using the [Nipype Tutorial Docker Image](https://miykael.github.io/nipype_tutorial/notebooks/introduction_docker.html) instructions. As I wanted to run the tutorial using a new dataset, I downloaded an open-source dataset from Openneuro (ds000240 v2) to my local machine (in BIDS format). I downloaded the docker image, moved the data into the container, and then loaded a jupyter notebook from there. It Is important that

To use my own version of notebooks, save the notebook outputs locally or and use local data, you mounted my local directories:

* docker run -it --rm -v /path/to/nipype\_tutorial/:/home/neuro/nipype\_tutorial -v /path/to/data/:/data -v /path/to/output/:/output -p 8888:8888 miykael/nipype\_tutorial jupyter notebook

But what do those flags mean?

* The -it flag tells docker that it should open an interactive container instance.
* The --rm flag tells docker that the container should automatically be removed after we close docker.
* The -p flag specifies which port we want to make available for docker.
* The -v flag tells docker which folders should be mount to make them accessible inside the container. Here: /path/to/nipype\_tutorial is your local directory where you downloaded [Nipype Tutorial repository](https://github.com/miykael/nipype_tutorial/). /path/to/data/ is a directory where you have dataset ds000240, and /path/to/output can be an empty directory that will be used for output. The second part of the -v flag (here: /home/neuro/nipype\_tutorial, /data or /output) specifies under which path the mounted folders can be found inside the container. **Important**: To use the tutorial, data and output folder, you first need to create them on your system!
* miykael/nipype\_tutorial tells docker which image you want to run.
* jupyter notebook tells that you want to run directly the jupyter notebook command within the container. Alternatively, you can also use jupyter-lab, bash or ipython.