Prepare your PyTorch resource on Saturn Cloud

Hands-on 3 VAE
Hands-on 4 Reconstruction

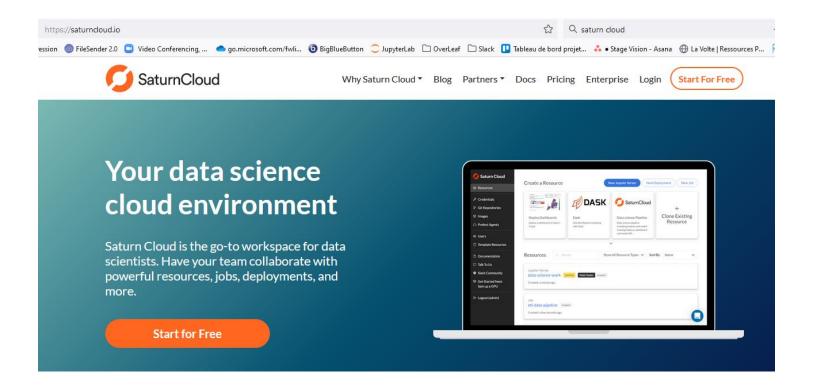
Challenge - MONAI

Steps required

- 1. Create an account on a cloud plateform (Saturn Cloud)
- 2. Create a jupyter server and parametrize it on this cloud
- 3. Start the jupyter server
- 4. Launch the Jupyter lab environment

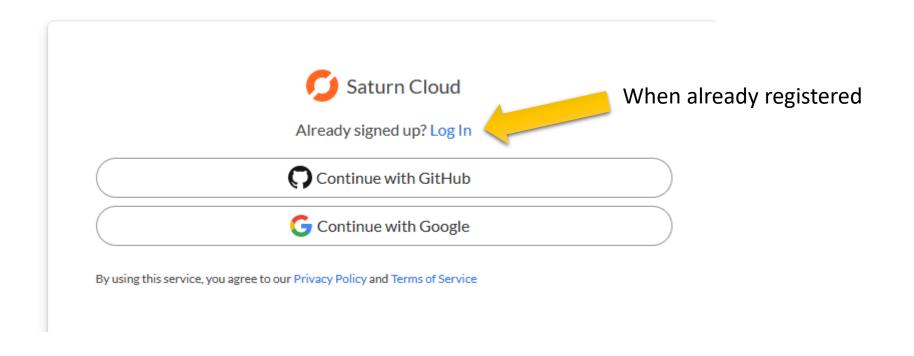
1- Create an account (if not already done!)

- It's free, « just » need an email adress
- Connect on https://saturncloud.io and clic on « Start for Free »



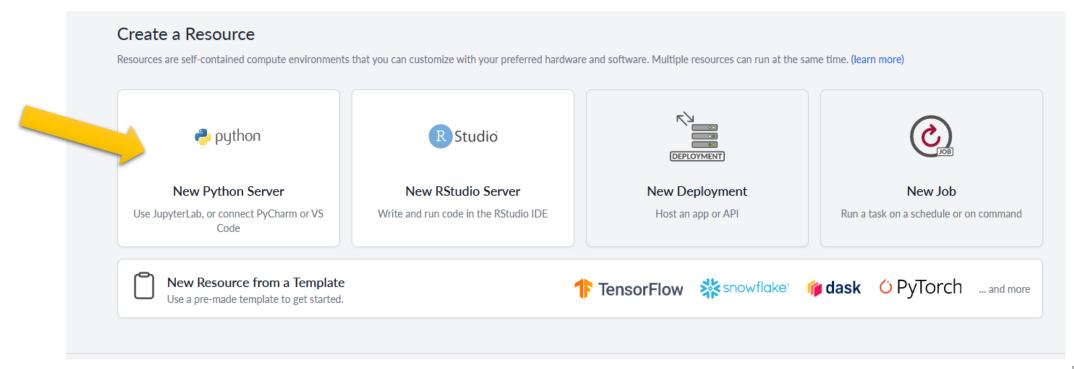
1- create an account

- You can use one of your GitHub or Google account
- Optionnaly, you can create a Saturn Cloud account



2- Create your jupyter server

 Hands-on are Jupyter notebooks, so create first a new Python server on Saturn Cloud



2- Server Parameters 1/4

Give a name (Pytorch-Hands-On is nice)



2- Server Parameters 2/4

Select CPU or GPU ressources



Hardware

The hardware your Juster server will run on.

Hardware

CPU

An instance with only CPU processors.

GPU

An instance with both CPU and GPU processors.

Size

Large - 2 cores - 16 GB RAM

Disabled options are not supported due to your account limit. To increase the limit, please



Hardware

The hardware your Jupyter server will run on.

Hardware

CPU

An instance with only CPU processors.

GPU

An instance with both CPU and GPU processors.

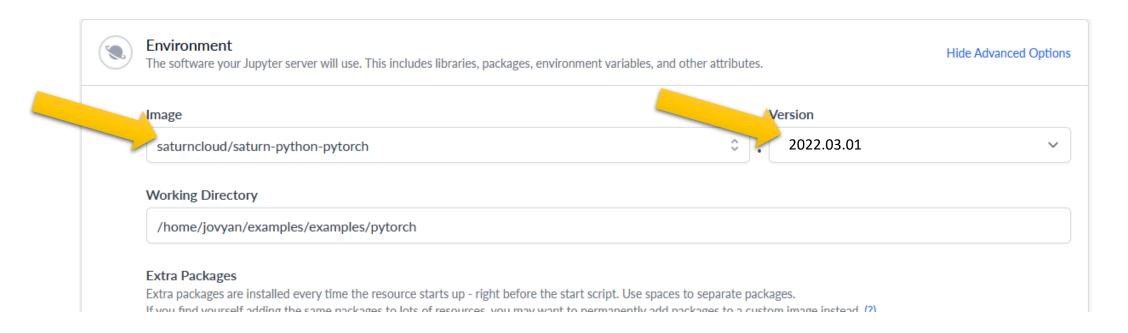
Size

T4-XLarge - 4 cores - 16 GB RAM - 1 GPU

Disabled options are not supported due to your account limit. To increase the limit, please

2- Server Parameters 3/4

- Select the desired image: saturncloud/saturn-python-pytorch
- For version, use the 2023.02.01 or, if no other information specified

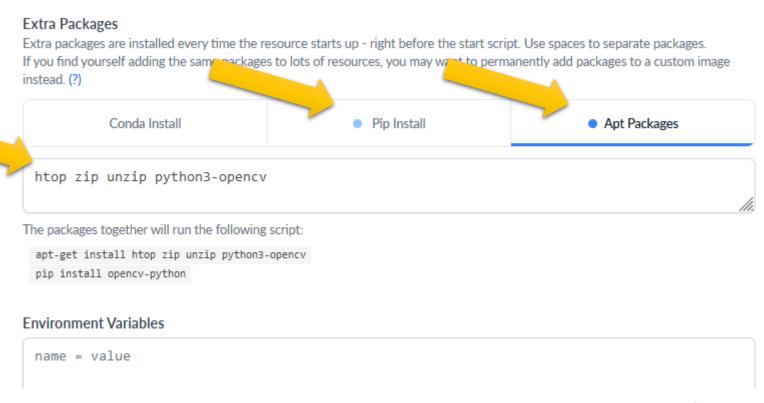


2- Server Parameters 4/4

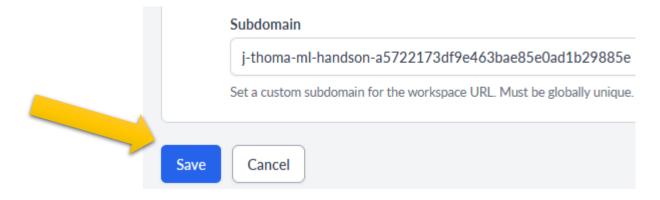


- → Pip Install, add the following opency-python
- → Apt Packages add the following htop zip unzip python3-opencv

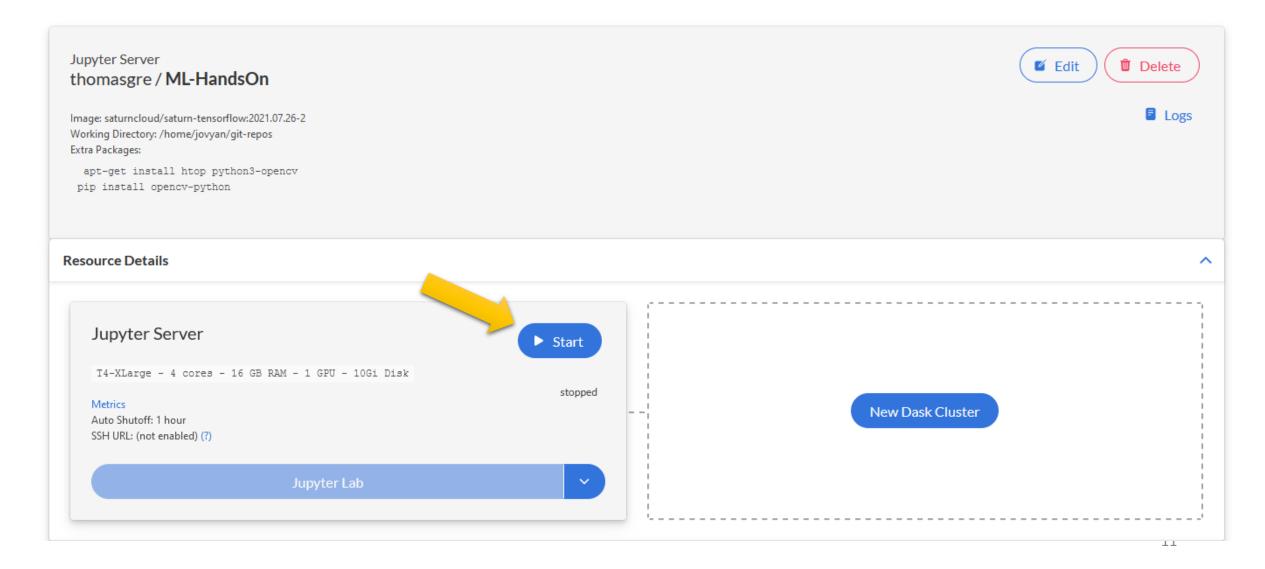
Both must be done



2- Server Parameters : Save



3- Start the jupyter server (few minutes)



4- Launch the Jupyter lab environnement

• First, wait until the server is started ©

Jupyte	er Server	■ Stop
T4-XLar	ge - 4 cores - 16 GB RAM - 1 GPU - 10Gi Disk	
Metrics Auto Shuto SSH URL: (i	off: 1 hour not enabled) (?)	running
	Jupyter Lab	V

5- Enjoy your Hands on (in a new tab)

