

Tera

TUTORIAL DE PLATAFORMAS DE DATA SCIENCE

ANACONDA DISTRIBUTION

- Acesse <https://www.anaconda.com/distribution/>
- Faça o download do **Anaconda** com Python **3.7**, selecionando o seu sistema operacional



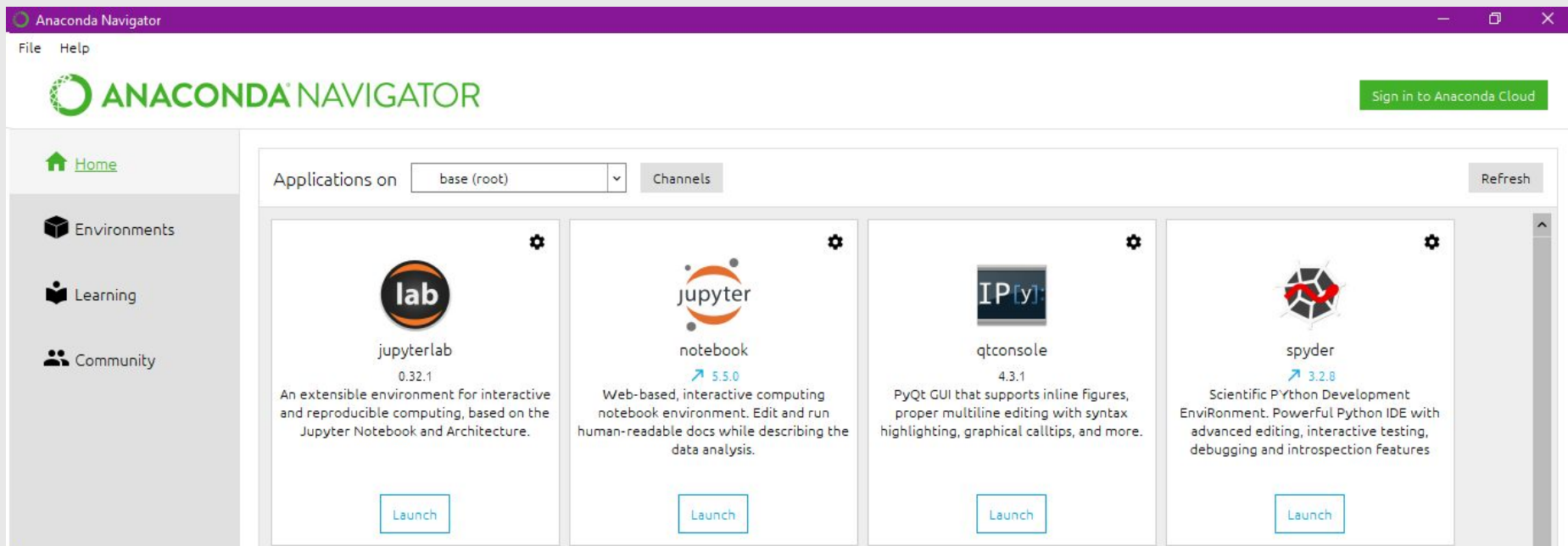
The screenshot shows the Anaconda 2018.12 for macOS Installer page. At the top, there are three tabs: Windows, macOS, and Linux. The macOS tab is selected. Below the tabs, the title "Anaconda 2018.12 for macOS Installer" is displayed. There are two main sections: "Python 3.7 version" and "Python 2.7 version". Each section has a green "Download" button. Below the buttons, the file sizes for the 64-bit graphical and command line installers are listed for each version.

Version	64-Bit Graphical Installer (MB)	64-Bit Command Line Installer (MB)
Python 3.7 version	652.7	557
Python 2.7 version	640.7	547



ANACONDA DISTRIBUTION

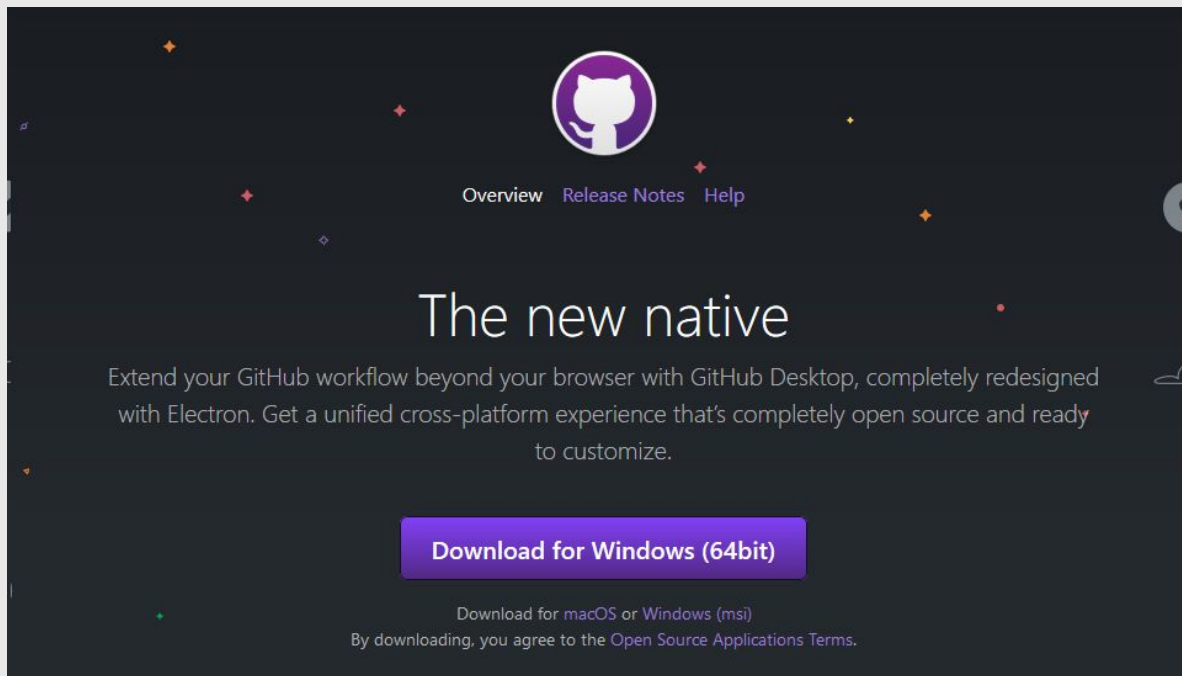
- Prossiga com a instalação do Anaconda Distribution
- Verifique a instalação do Anaconda Navigator





GITHUB DESKTOP

- Acesse <https://desktop.github.com/>
- Faça o download do GitHub Desktop para seu sistema operacional






GITHUB DESKTOP



- prossiga com a instalação e faça seu cadastro no GitHub (se ainda não possuir)



Sign in to **GitHub**
to continue to **GitHub Desktop**

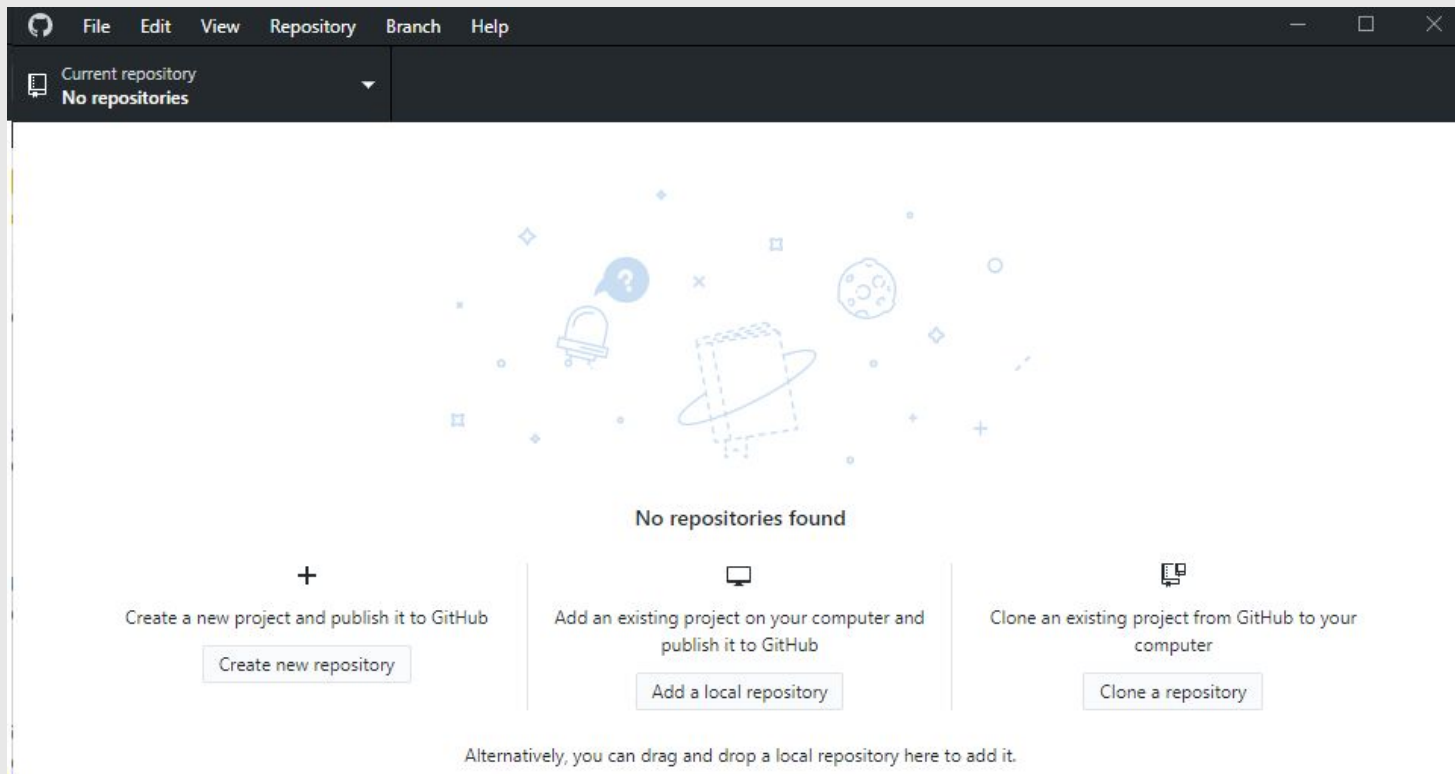
Username or email address

Password [Forgot password?](#)

Sign in

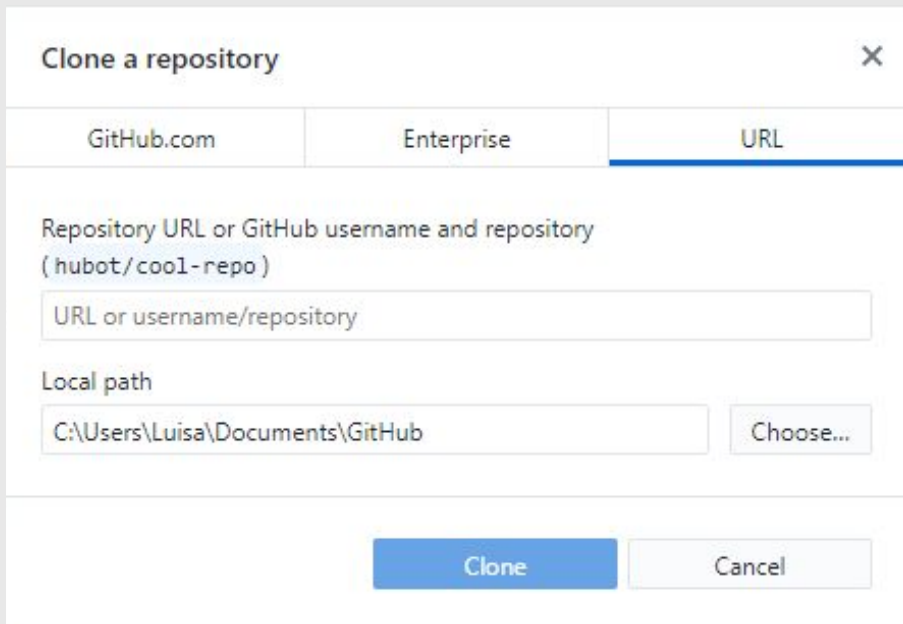
GITHUB DESKTOP

- Abra o GitHub Desktop e selecione “Clone a repository”



GITHUB DESKTOP

- Selecione URL para adicionar o repositório da Tera
- Coloque o URL do repositório:
<https://github.com/somostera/data-science-abril-19.git>
- Indique o local no seu disco que deseja manter os arquivos em “Local path”



The screenshot shows the 'Clone a repository' dialog box in GitHub Desktop. It has a title bar with a close button (X). Below the title bar are three tabs: 'GitHub.com', 'Enterprise', and 'URL'. The 'URL' tab is selected and highlighted with a blue underline. The main area contains two input fields. The first is labeled 'Repository URL or GitHub username and repository (hubot/cool-repo)' and contains the text 'URL or username/repository'. The second is labeled 'Local path' and contains the text 'C:\Users\Luisa\Documents\GitHub'. To the right of the 'Local path' field is a 'Choose...' button. At the bottom of the dialog are two buttons: 'Clone' (in blue) and 'Cancel'.

Clone a repository

GitHub.com Enterprise URL

Repository URL or GitHub username and repository
(hubot/cool-repo)

URL or username/repository

Local path

C:\Users\Luisa\Documents\GitHub Choose...

Clone Cancel



GITHUB DESKTOP

- Aguarde o processo de clone concluir



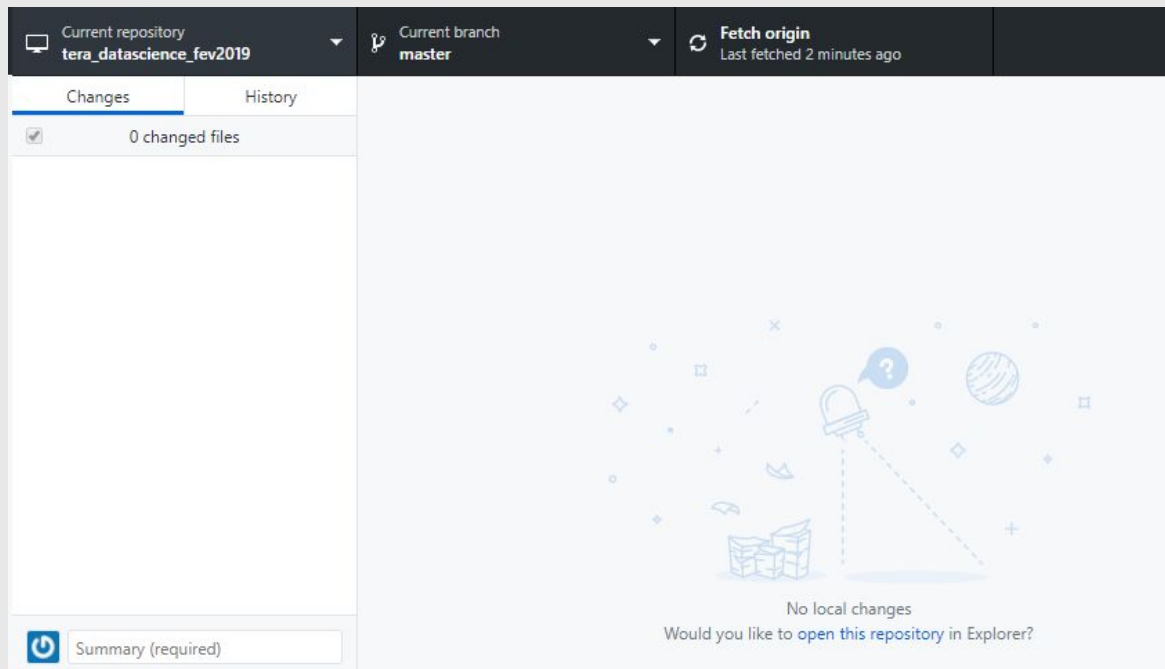
Cloning `tera_datascience_fev2019`



Cloning into 'C:\Users\Luisa\Documents\GitHub\tera_datascience_fev2019'...

GITHUB DESKTOP

- O material do repositório ficará disponível no local que você indicou
- Sempre que precisar atualizar o clone do repositório local, clique em “Fetch origin”





ANACONDA NAVIGATOR

- De volta ao Anaconda Navigator, selecione “Environments” no menu à esquerda

The screenshot displays the Anaconda Navigator application interface. On the left, a sidebar menu contains icons and labels for 'Home', 'Environments' (which is highlighted with a green bar), 'Learning', and 'Community'. The main area is divided into two panels. The left panel, titled 'Search Environments', shows a list of environments with 'base (root)' selected. The right panel, titled 'Installed', shows a list of installed packages. At the top of the right panel, there are buttons for 'Channels', 'Update index...', and a 'Search Packages' search bar. The package list includes columns for 'Name' and 'Description'.

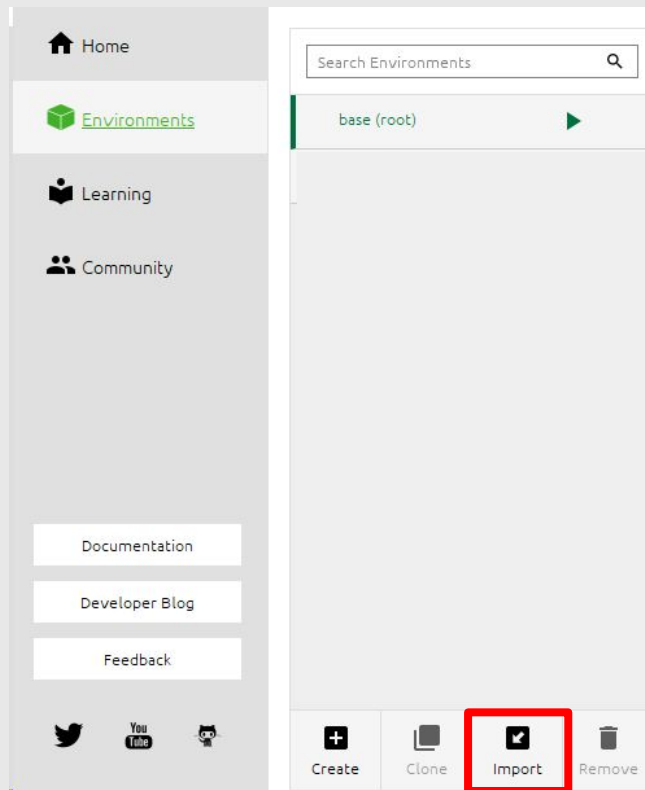
Name	Description
_ipyw_jlab_nb_ex...	
alabaster	Configurable, python 2+3 compatible sphinx theme
anaconda	
anaconda-client	Anaconda.org command line client library
anaconda-project	Reproducible, executable project directories
asn1crypto	Asn.1 parser and serializer



ANACONDA NAVIGATOR

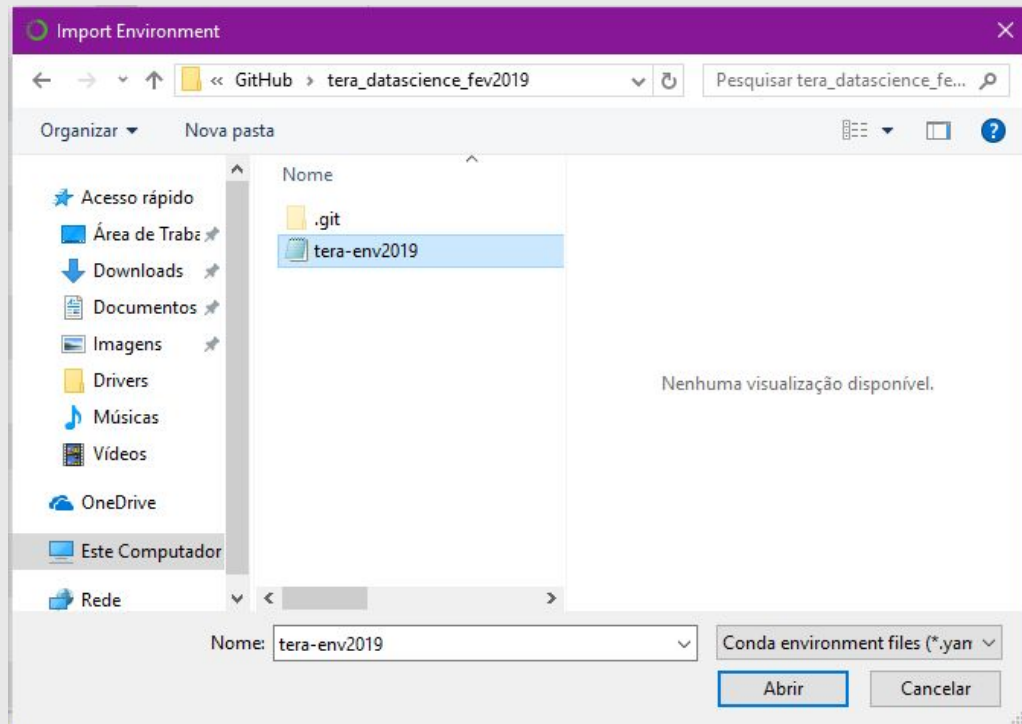


- Selezione "Import" para importar o ambiente da Tera



ANACONDA NAVIGATOR




- Navegue até o local do clone do repositório do GitHub para encontrar o arquivo "tera-env2019.yml"





ANACONDA NAVIGATOR

- Aguarde a importação do ambiente
- Nesse momento, os pacotes do ambiente serão instalados, pode demorar um pouco

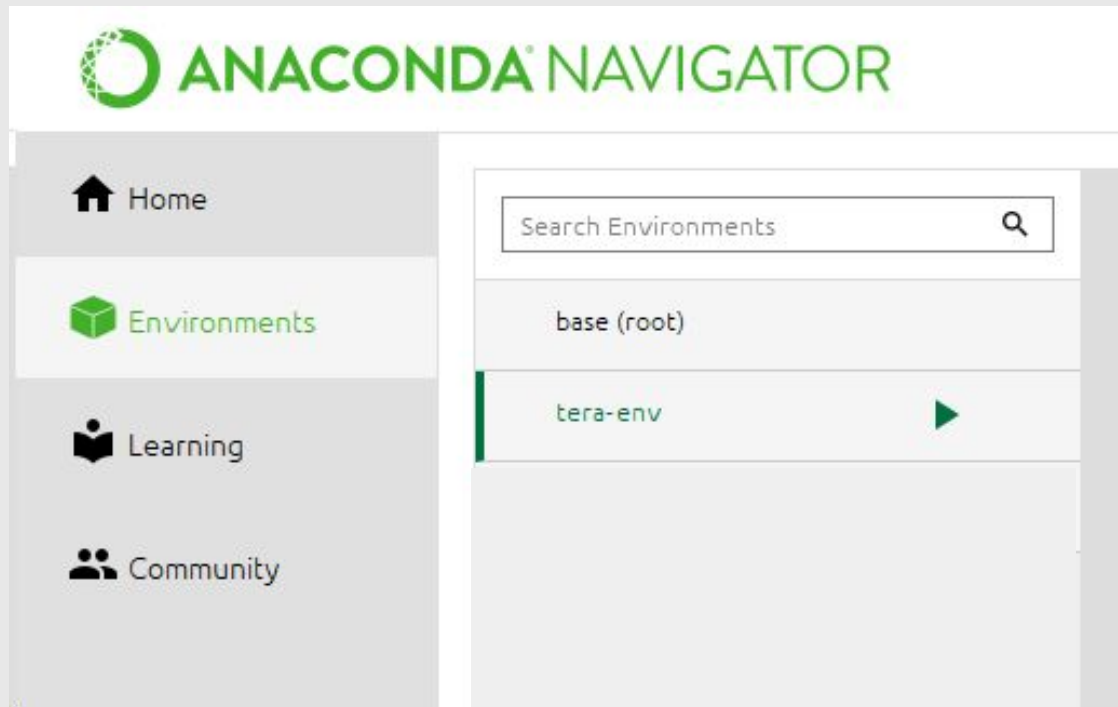
<input checked="" type="checkbox"/> babel	 Utilities to internationalize and localize python applications	 2.5.3
<input checked="" type="checkbox"/> backcall		0.1.0
<input checked="" type="checkbox"/> backports		1.0

Importing environment **C:\Users\Luisa\Anaconda3\envs\tera-env**



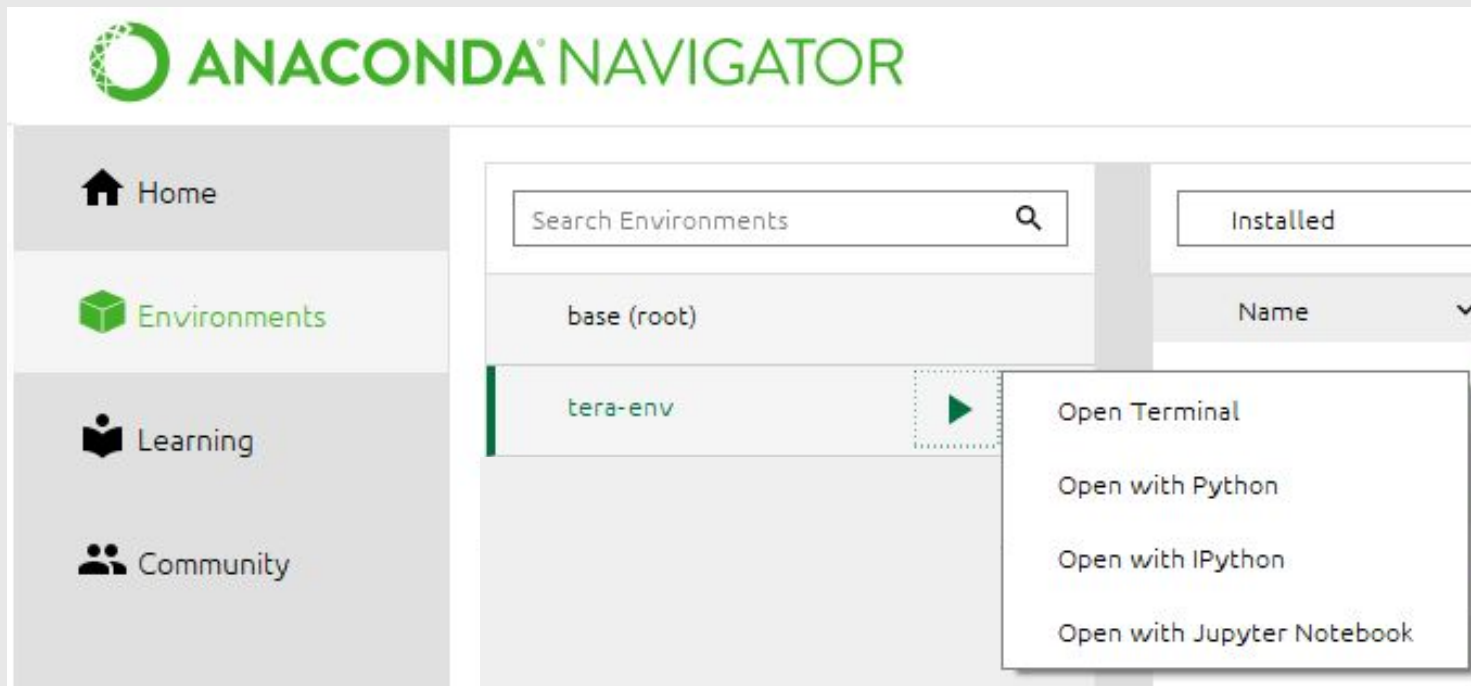
ANACONDA NAVIGATOR

- Mantenha o ambiente da Tera selecionado sempre que utilizar o Anaconda



JUPYTER NOTEBOOK

- Apertando o “play” do ambiente da Tera, é possível abrir o Jupyter Notebook
- O Jupyter é iniciado no seu navegador padrão





JUPYTER NOTEBOOK

- Navegue nos diretórios do Jupyter para chegar até a pasta que contém o material do repositório para acompanhar cada aula

Home x +

localhost:8888/tree/Documents/GitHub/tera_datascience_fev2019

jupyter Logout

Files Running Clusters

Select items to perform actions on them.

Upload New ↕ ↻

	Name ↓	Last Modified
0 ▾	/ Documents / GitHub / tera_datascience_fev2019	
	..	seconds ago
	README.md	16 hours ago
	tera-env2019.yml	16 hours ago