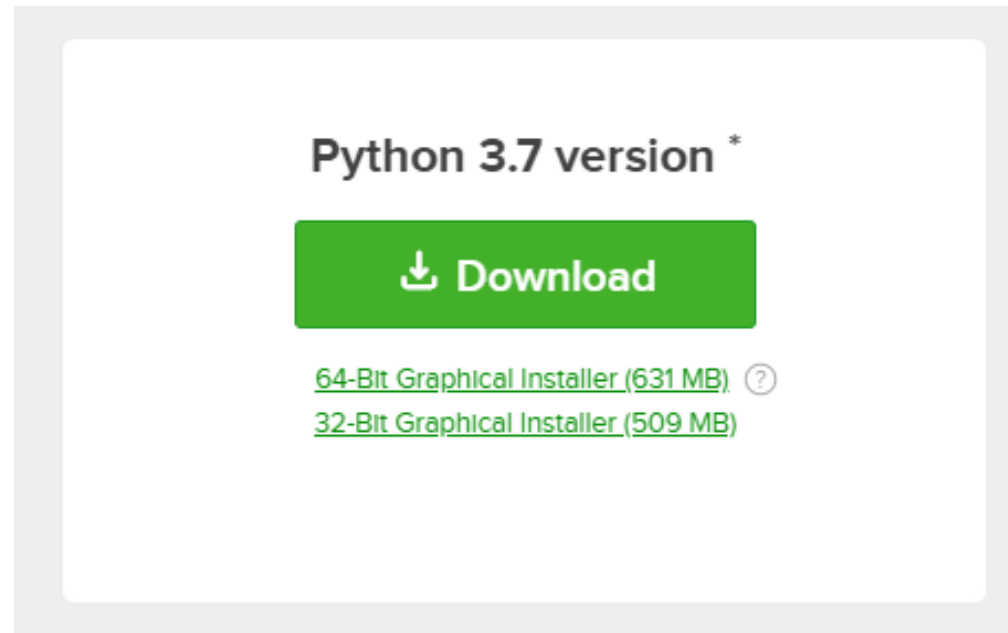


# Installatie Python Workshop

Vincent Claes

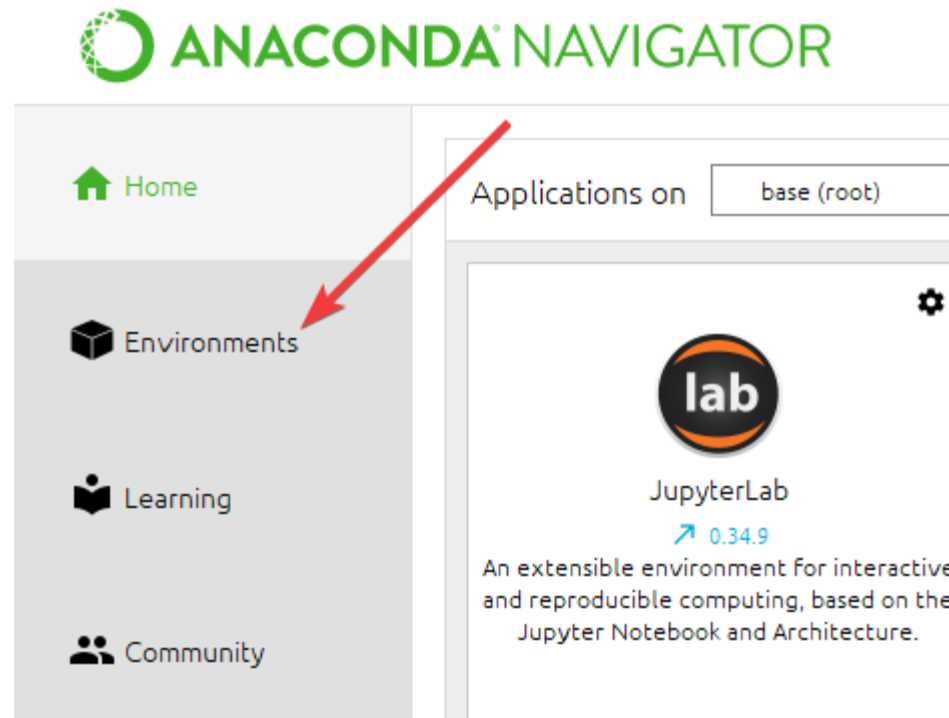
# Python IDE installeren

- <https://www.anaconda.com/download/>
- Versie Python 3.X
- Alle default settings laten staan




# Anaconda Navigator Configureren

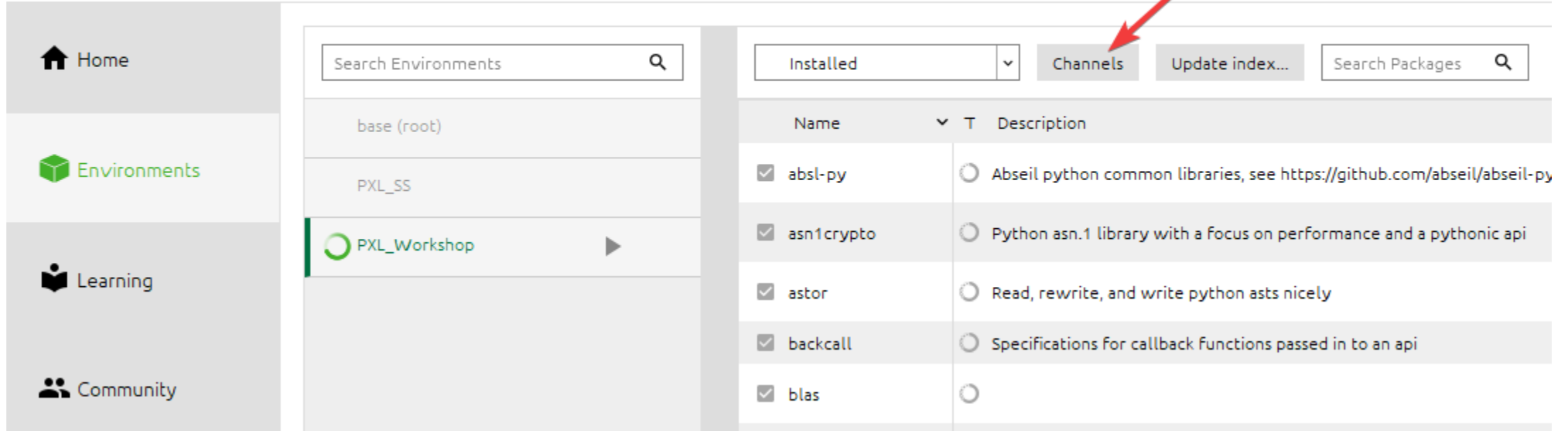
- Start Anaconda Navigator (Windows Toets en dan Anaconda Navigator Intypen, hierna Enter klikken)
- Klik binnen Anaconda Navigator op “Environments”



# Software Channels installeren

- Binnen Anaconda Klik op “Channels”

 ANACONDA NAVIGATOR

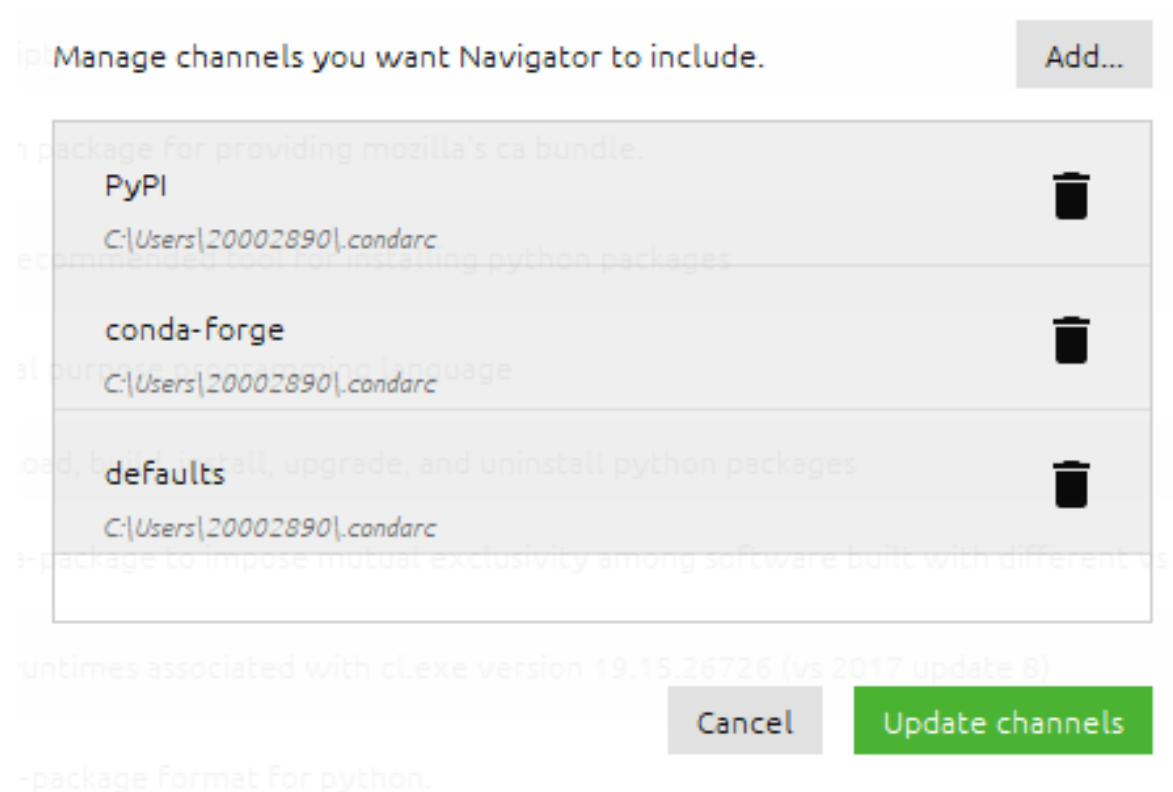


The screenshot shows the Anaconda Navigator application interface. On the left is a sidebar with navigation options: Home, Environments, Learning, and Community. The 'Environments' section is active, showing a list of environments: 'base (root)', 'PXL\_SS', and 'PXL\_Workshop'. The 'PXL\_Workshop' environment is selected and highlighted with a green bar. The main panel on the right displays the 'Channels' tab, which is also highlighted by a red arrow. This tab shows a list of installed channels with columns for 'Name', 'T', and 'Description'. The channels listed are 'absl-py', 'asn1crypto', 'astor', 'backcall', and 'blas'. Each channel has a checkmark in the 'Name' column and a radio button in the 'T' column.

Name	T	Description
<input checked="" type="checkbox"/> absl-py	<input type="radio"/>	Abseil python common libraries, see <a href="https://github.com/abseil/abseil-py">https://github.com/abseil/abseil-py</a>
<input checked="" type="checkbox"/> asn1crypto	<input type="radio"/>	Python asn.1 library with a focus on performance and a pythonic api
<input checked="" type="checkbox"/> astor	<input type="radio"/>	Read, rewrite, and write python asts nicely
<input checked="" type="checkbox"/> backcall	<input type="radio"/>	Specifications for callback functions passed in to an api
<input checked="" type="checkbox"/> blas	<input type="radio"/>	

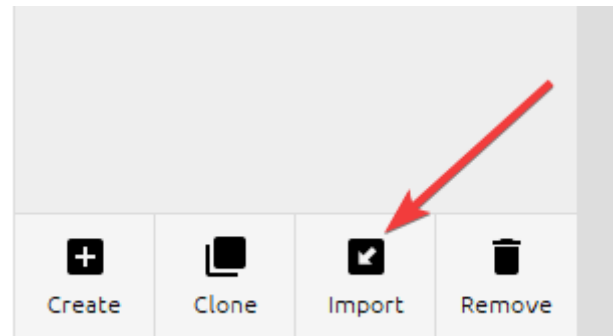
# Software Channels Installeren

- Add conda-forge
- Add PyPi



# Importeren van PXL\_Workshop Environment

- Klik op “Import” onderaan



# Importeren van PXL\_Workshop Environment

- Naam: PXL\_Workshop
- Specification File pxl\_workshop.yml

Import new environment X

Name: PXL\_Workshop

Location: ...02890\AppData\Local\Continuum\anaconda3\envs\PXL\_Workshop

Specification File C:/Users/20002890/pxl\_workshop.yml

Cancel Import

# Testen van installatie

Anaconda Navigator

File Help



The screenshot shows the Anaconda Navigator application window. On the left is a sidebar with navigation icons for Home, Environments, Learning, and Community. The main area is titled 'Environments' and contains a search bar, a filter dropdown set to 'Not installed', and buttons for 'Channels', 'Update index...', and 'jupyter'. A table lists the installed environments:

Name	Description
base (root)	
PXL_SS	
PXL_Workshop	

A context menu is open over the 'PXL\_Workshop' environment, showing options: 'Open Terminal', 'Open with Python', 'Open with IPython', and 'Open with Jupyter Notebook'. The 'Open with Jupyter Notebook' option is highlighted. Two red arrows are present: one pointing to the 'PXL\_Workshop' environment name in the table, and another pointing to the 'Open with Jupyter Notebook' option in the context menu.



# Testen van installatie

localhost:8888/tree

jupyter

Quit Logout

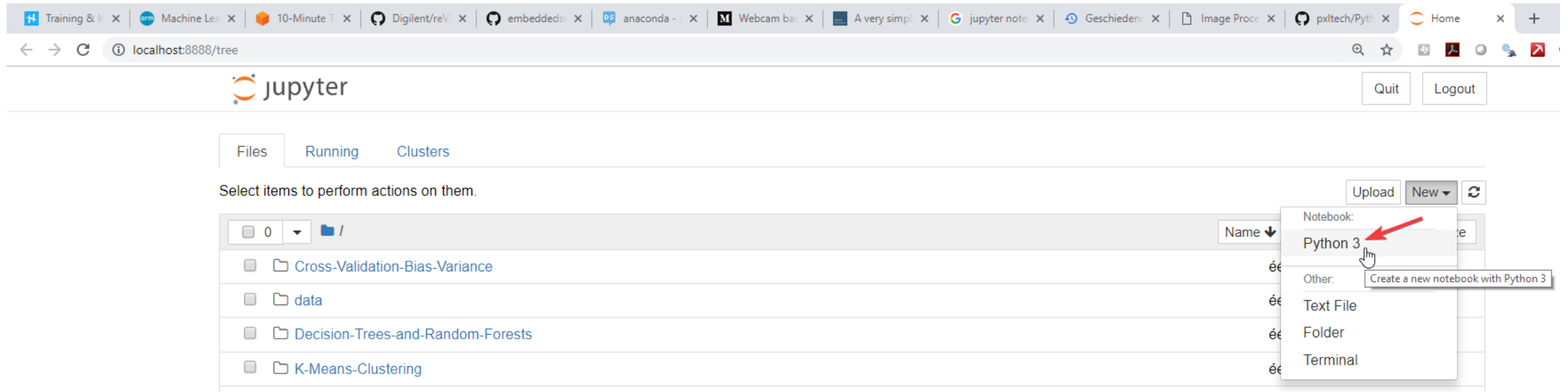
Files Running Clusters

Select items to perform actions on them.

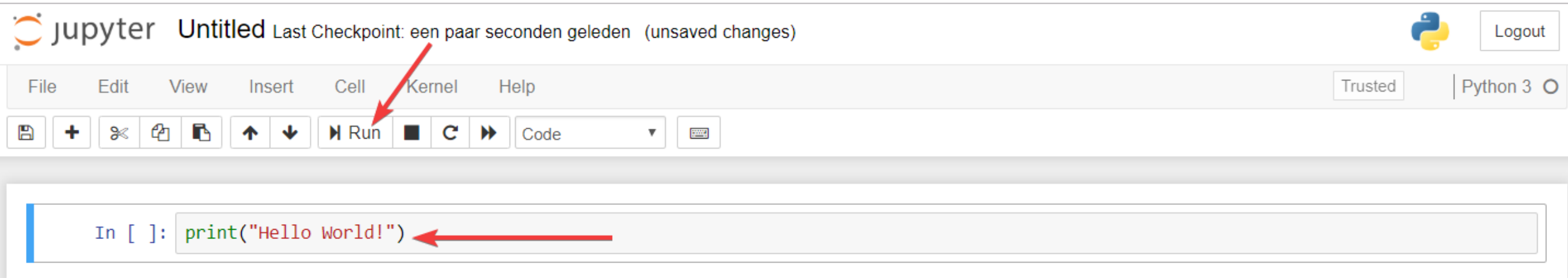
Upload New ↕ ↻

<input type="checkbox"/> 0 ▾	/	Name ▾	Last Modified	File size
<input type="checkbox"/>	📁 Cross-Validation-Bias-Variance		één maand geleden	
<input type="checkbox"/>	📁 data		één maand geleden	

# Testen van installatie



# Testen van installatie



The screenshot displays the JupyterLab web interface. At the top, the header shows the Jupyter logo, the text 'jupyter', and 'Untitled'. To the right of 'Untitled' is a status message: 'Last Checkpoint: een paar seconden geleden (unsaved changes)'. Further right is a Python logo and a 'Logout' button. Below the header is a menu bar with 'File', 'Edit', 'View', 'Insert', 'Cell', 'Kernel', and 'Help'. To the right of the menu bar are 'Trusted' and 'Python 3' indicators. Below the menu bar is a toolbar with icons for saving, adding, deleting, and running cells. The 'Run' button, which has a play icon, is highlighted with a red arrow pointing to it from above. Below the toolbar is a code editor area. It contains a single code cell with the prompt 'In [ ]:' followed by the code `print("Hello World!")`. A red arrow points to the end of this code line.

jupyter Untitled Last Checkpoint: een paar seconden geleden (unsaved changes) Python Logout

File Edit View Insert Cell Kernel Help Trusted Python 3

Run

```
In [ ]: print("Hello World!")
```

# Finished testing

- Installatie is klaar!

```
In [1]: print("Hello World!")  
→ Hello World!  
  
In [ ]:   
  
_____
```