

**NOVA**

**IMS**

Information  
Management  
School

# Data Mining

MDSAA

Troubleshooting

Anaconda Navigator Issues

# Basic Troubleshooting

# Basic troubleshooting

Make sure you have tried all these options:

- close / quit all instances of Anaconda Navigator, Anaconda Prompt, Terminal, any jupyter notebook browser tabs open
- restart your computer
- you have followed all the parts of the process (including the step of pip install)
- the correct environment is selected on Anaconda Navigator



[Mac] brew command not found

# brew command not found

<https://apple.stackexchange.com/questions/422340/brew-command-is-not-recognized-by-terminal>



# [Mac] brew install graphviz

asking for password



# brew install graphviz

If this step asks for a password, type the password for your laptop user account. **The characters will not appear** when you type, not even as `***`, **this is normal** and for security purposes.



# ModuleNotFoundError

sompy, graphviz

# Troubleshooting ModuleNotFoundError

Make sure you have already done

- the basic troubleshooting (beginning of these slides)
- the step of “pip install” from the class slides (from slide 49)

# ModuleNotFoundError: graphviz

Open Anaconda Prompt (windows) or Terminal (Mac/Linux)

Run each line one at a time. Replace “DM2324” with the environment name you used.

```
conda activate DM2324  
pip install graphviz python-graphviz
```



# ModuleNotFoundError

OTHER libraries (numpy etc)

# ModuleNotFoundError (not sompy/graphviz)

Make sure you have already done

- the basic troubleshooting (beginning of these slides)

If that still does not work:

- follow steps to recreate environment (few slides below)





# graphviz path error

Error message

“make sure the Graphviz executables  
are on your systems’ PATH”

# graphviz path error

Follow basic troubleshooting at the beginning of the slides

Open Anaconda Prompt (windows) or Terminal (Mac/Linux)

run each line one at a time:

```
conda activate DM2324
```

```
pip install graphviz python-graphviz
```



# ydata\_profiling issue

# ydata\_profiling issue

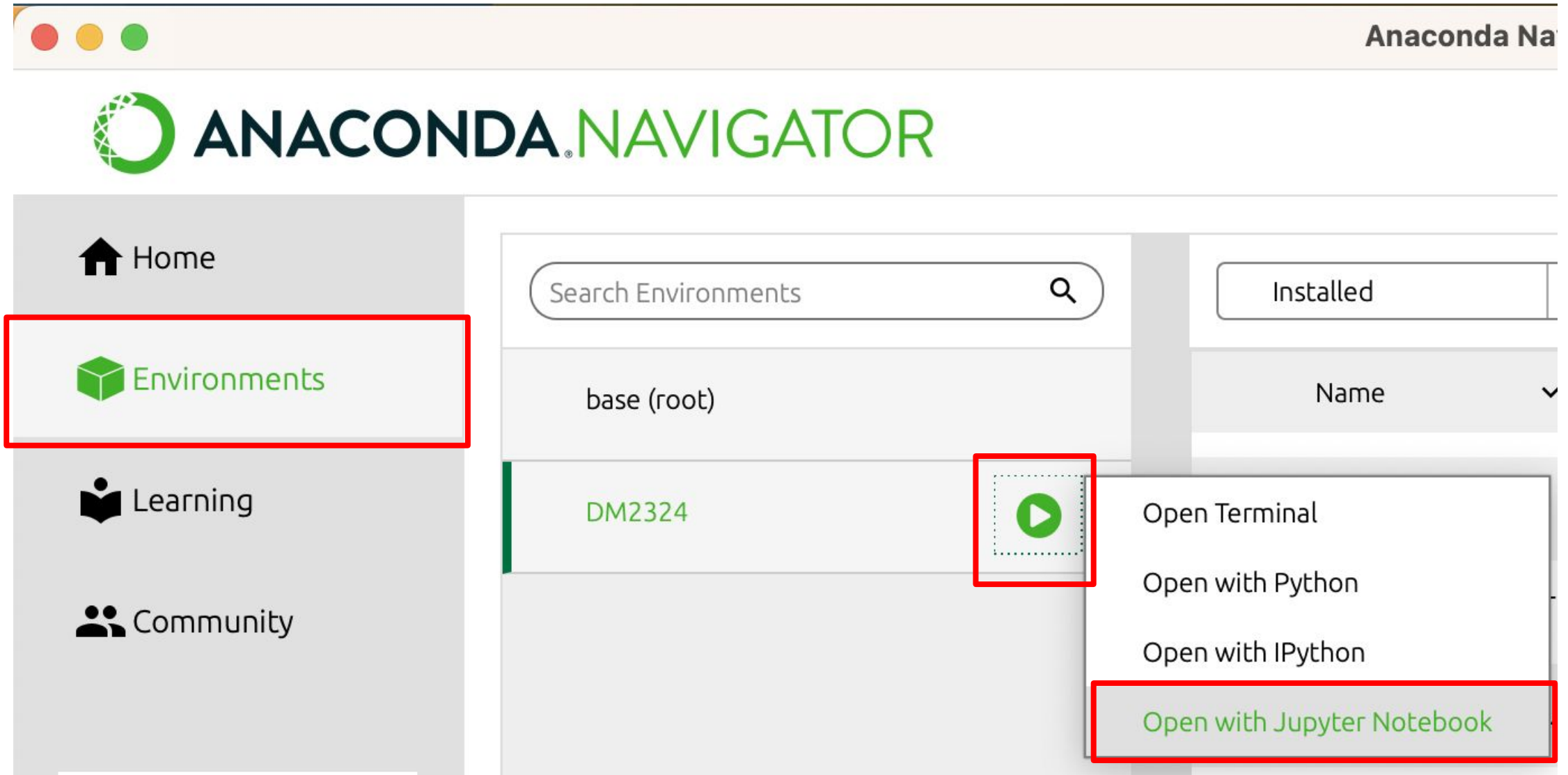
Follow the part of reinstalling ydata\_profiling (step 4 of Recreating environment)



[Mac] jupyter\_mac.command issue



# Option 1: load jupyter from Environments panel



# Option 1: load jupyter from Environments panel

You have to do it this way each time

# Option 2: load jupyter notebook from terminal

You have to do it this way each time

Run jupyter notebook from terminal

Open Anaconda Prompt (Windows) or Terminal (Mac/Linux)

```
conda activate DM2324  
jupyter notebook
```

# Option 3

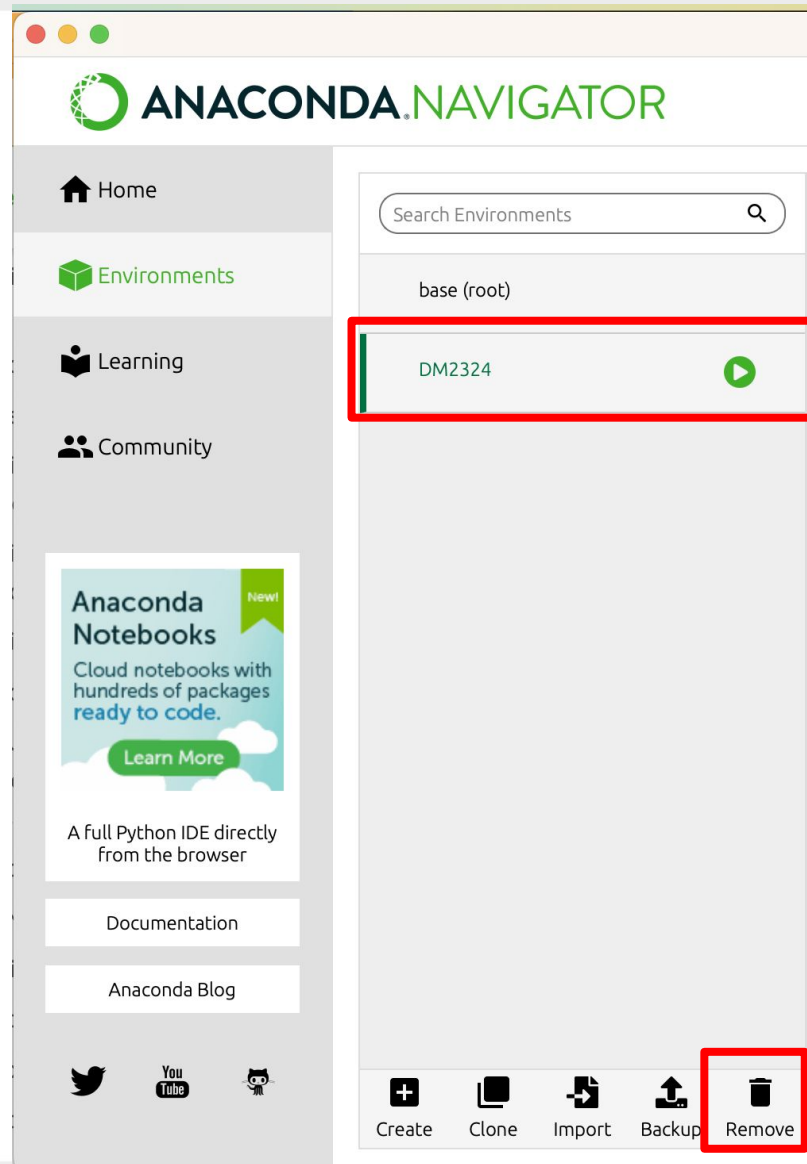
Follow “Recreate environment” steps



# How to recreate environment

# Re-create environment

1. Remove existing environment



# Re-create environment

## 2. Create new environment

The screenshot displays the Anaconda Navigator application interface. On the left is a sidebar with navigation options: Home, Environments, Learning, and Community. Below these are links to Anaconda Notebooks, Documentation, and the Anaconda Blog, along with social media icons for Twitter, YouTube, and GitHub. The main panel shows a list of environments, with 'base (root)' selected. A modal dialog titled 'Create new environment' is open in the center, highlighted with a red border. This dialog contains fields for 'Name' (filled with 'DM2324'), 'Location' (empty), and 'Packages' (with checkboxes for Python and R, and version dropdowns for 3.11.5 and 4.3.1). 'Cancel' and 'Create' buttons are at the bottom of the dialog. Below the dialog, a list of installed packages is visible, including jupyter-server, jupyter-ydoc, jupyter\_client, jupyter\_console, and jupyter\_core. At the bottom of the interface, a toolbar contains icons for 'Create', 'Clone', 'Import', 'Backup', and 'Remove', with the 'Create' icon also highlighted by a red border.

ANACONDA.NAVIGATOR

Home

Environments

Learning

Community

Anaconda Notebooks

Cloud notebooks with hundreds of packages ready to code.

Learn More

A full Python IDE directly from the browser

Documentation

Anaconda Blog

Create

Clone

Import

Backup

Remove

Search Environments

base (root)

Installed

Channels

Update index...

Create new environment

Name: DM2324

Location:

Packages: ☒ Python 3.11.5 ☐ R 4.3.1

Cancel Create

jupyter-server

jupyter-ydoc

jupyter\_client

jupyter\_console

jupyter\_core

30 packages available matching "jupyter"



# Re-create environment

## 3. Reinstall packages

The screenshot shows the Anaconda Navigator application window. On the left sidebar, the 'Environments' section is active, displaying a list of environments. The environment 'DM2324' is highlighted with a red box. Below the environment list, a red text overlay reads 'List of packages in the next slide'. The main panel shows the 'Channels' tab selected, with a search bar containing 'jupyter' (highlighted with a red box). A dropdown menu at the top left of the main panel is set to 'All' (highlighted with a red box). The main panel displays a list of packages available for installation, including 'ipywidgets', 'jupyter', 'jupyter-archive', 'jupyter-black', 'jupyter-book', 'jupyter-cache', 'jupyter-collaboration', 'jupyter-contains', 'jupyter-dash', 'jupyter-docx-bundler', and 'jupyter-flex'. The 'jupyter' package is highlighted with a red box. At the bottom of the main panel, it states '285 packages available matching "jupyter"'. The bottom toolbar contains icons for 'Create', 'Clone', 'Import', 'Backup', and 'Remove'.

**Environments**

- base (root)
- DM2324**

**Channels** **Update index...**

Search Environments

**List of packages in the next slide**

Name	Description	Version
<input type="checkbox"/> ipywidgets	Jupyter interactive widgets	8.1.0
<input type="checkbox"/> jupyter	Jupyter metapackage, install all the jupyter components in one go.	1.0.0
<input type="checkbox"/> jupyter-archive		3.4.0
<input type="checkbox"/> jupyter-black		0.3.4
<input type="checkbox"/> jupyter-book		0.8.2
<input type="checkbox"/> jupyter-cache		0.6.1
<input type="checkbox"/> jupyter-collaboration		1.1.0
<input type="checkbox"/> jupyter-contains		0.2.2
<input type="checkbox"/> jupyter-dash	Dash support for the jupyter notebook interface	0.4.2
<input type="checkbox"/> jupyter-docx-bundler		0.4.0
<input type="checkbox"/> jupyter-flex		0.9.1

285 packages available matching "jupyter"

**Create** **Clone** **Import** **Backup** **Remove**

# Re-create environment

## 3. Reinstall packages

jupyter  
scikit-learn  
scikit-image  
numpy  
pandas  
ipywidgets  
matplotlib  
seaborn  
git  
minisom

- search package name, then select the check box on the left of the name
- after selecting, you can search the next library name, then select that, and so on
- after searching and selecting everything on the list, you can clear the search bar by clicking the 'x' and then filter the "Selected" option to see if you got everything

pandas		X
		Version
ls.		2.1.0

Search Environments	Selected	Channels	Update index...	Search Packages
base (root)				
DM2324				
Name	T	Description	Version	
<input checked="" type="checkbox"/> git	<input checked="" type="checkbox"/>	Distributed version control system	2.42.0	
<input checked="" type="checkbox"/> ipywidgets	<input checked="" type="checkbox"/>	Jupyter interactive widgets	8.1.0	
<input checked="" type="checkbox"/> jupyter	<input checked="" type="checkbox"/>	Jupyter metapackage. install all the jupyter components in one go.	1.0.0	
<input checked="" type="checkbox"/> matplotlib	<input checked="" type="checkbox"/>	Publication quality figures in python	3.7.2	

Search Environments

base (root)

DM2324

Create

Clone

Import

Backup

Remove

Selected

Channels

Update index...

Search Packages

Name	T	Description	Version
git		Distributed version control system	2.42.0
ipywidgets		Jupyter interactive widgets	8.1.0
jupyter		Jupyter metapackage. install all the jupyter components in one go.	1.0.0
matplotlib		Publication quality figures in python	3.7.2
minisom			2.3.0
numpy		Array processing for numbers, strings, records, and objects.	1.25.2
pandas		High-performance, easy-to-use data structures and data analysis tools.	2.1.0
scikit-image		Image processing in python.	0.21.0
scikit-learn		A set of python modules for machine learning and data mining	1.3.0
seaborn		Statistical data visualization	0.9.0

Click Apply

10 packages available 10 packages selected

Apply

Clear

# Re-create environment

## 3. Reinstall packages

Install Packages

212 packages will be installed

	Name	Unlink	Link	Channel	Action	
1	*zstd	-	1.5.5	pkgs/main	Install	✓
2	*zipp	-	3.11.0	pkgs/main	Install	
3	*zfp	-	0.5.5	pkgs/main	Install	
4	*zeromq	-	4.3.4	pkgs/main	Install	
5	*ypy-websocket	-	0.8.2	pkgs/main	Install	

\* indicates the package is a dependency of a selected packages

Cancel
Apply

# Re-create environment

## 4. Reinstall ydata\_profiling

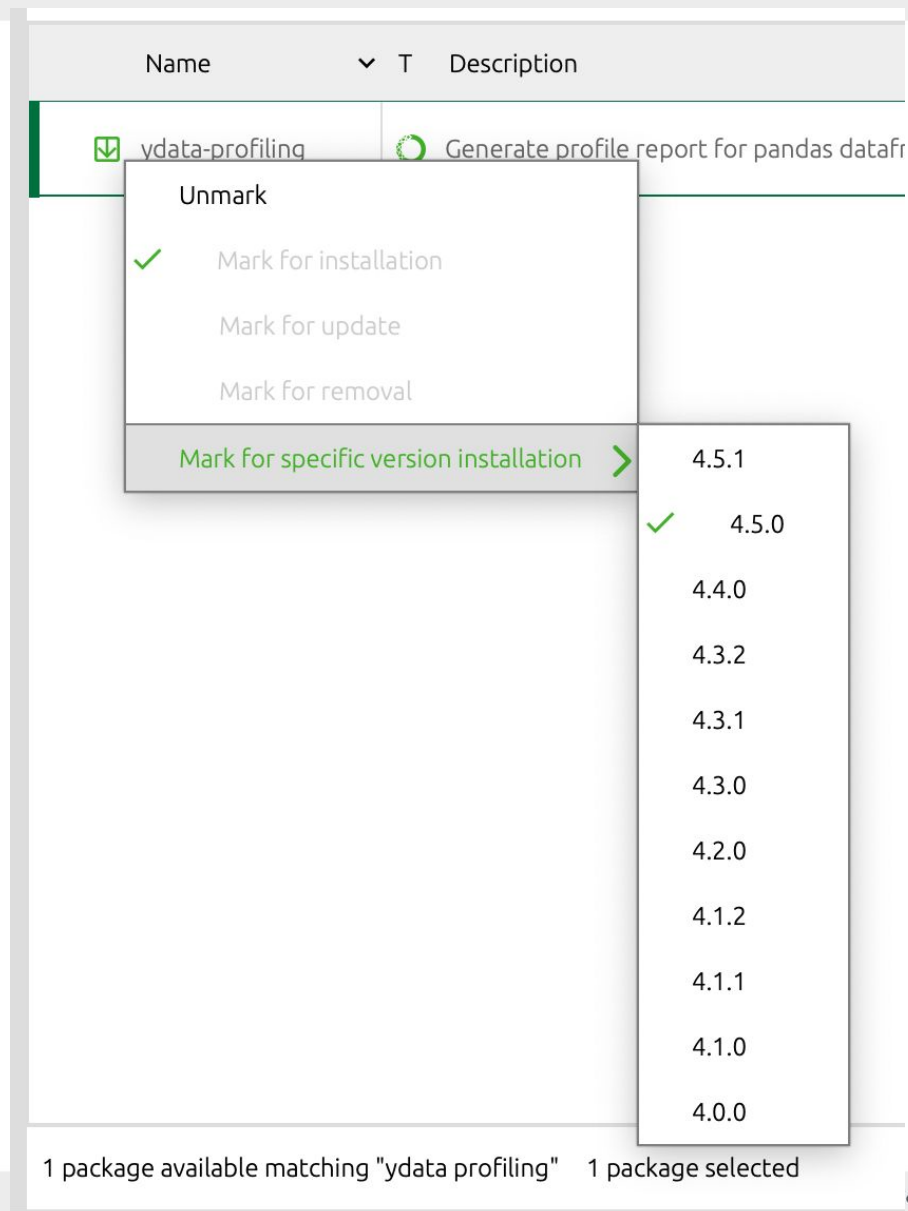
Install ydata\_profiling

Note:

Right click and select

“Mark for specific version installation”

4.5.0



# Re-create environment

## 4. Reinstall ydata\_profiling

Install Packages

7 packages will be modified 12 packages will be installed

	Name	Unlink	Link	Channel	Action
1	*visions	-	0.7.5	pkgs/main	Install
2	*typeguard	-	2.13.3	pkgs/main	Install
3	*tqdm	-	4.64.1	pkgs/main	Install
4	*tangled-up-in-unicode	-	0.2.0	pkgs/main	Install
5	*statsmodels	-	0.13.5	pkgs/main	Install

\* indicates the package is a dependency of a selected package

Cancel

Apply



IF you still have issues



# Related to sompy, graphviz

Leave as is for now, we'll revisit later in the semester once we need these libraries

# Other issues

Send email with your error message

Please specify:

- What steps you have tested
- What OS (Mac/Windows) and version

Attach screenshot if possible or necessary



# Thank You!

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