Installing Python3

1. Anaconda Navigator

We will install Python3 via Anaconda Navigator. To install Anaconda Navigator Go here

https://docs.anaconda.com/free/anaconda/install

Select your operating system by clicking one of

- Installing on Windows
- Installing on macOS

Select "Download the Anaconda installer."

2. Create an environment for this course

We will use several Python packages. We will bundle these into something called an "environment".

- Within Anaconda Navigator select "Environment" (on the left panel)
- Select "Create"
- Name the environment `nummeth_2025`
- Use the default python version

When the environment has been created

- Click the "play" button (looks like a solid / filled right pointing arrowhead)
- Select "Open Terminal"
- When the terminal pops up, type the following commands one-by-one.

```
conda install numpy
conda install scipy
conda install matplotlib
conda install sympy
```

Each `conda install` line may prompt you for a response. Answer `y` to all questions.

3. Install Anaconda applications

- Within Anaconda Navigator select "Home" (on the left panel)
- In the bar at the top, make sure it says "All applications" on "nummeth_2025"
- Find the JupyterLab application, select "Install"