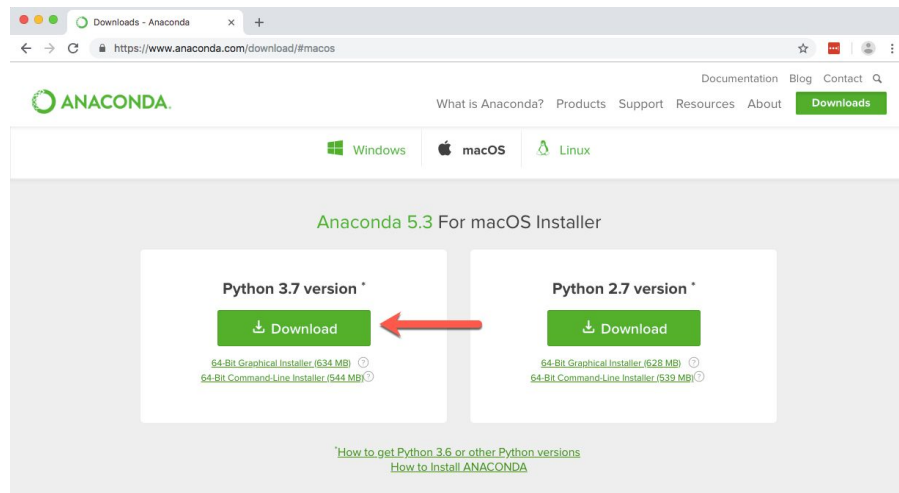




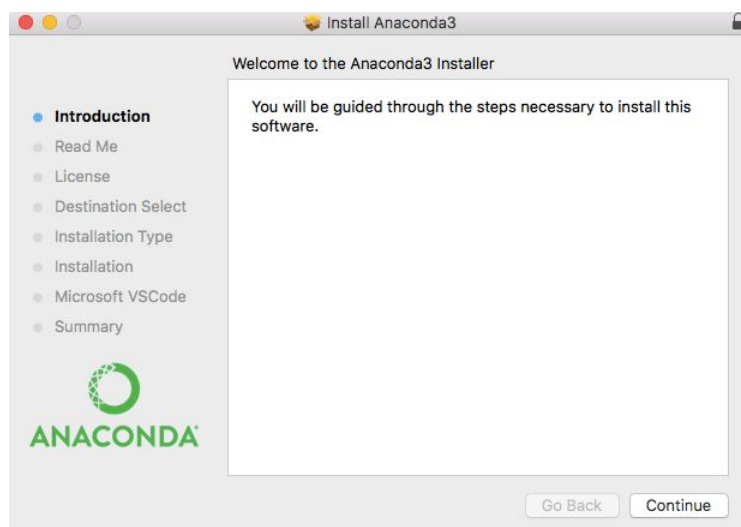
Mac Quickstart Instructions

Step 1: Download Anaconda

First, download the Anaconda graphical installer from [Anaconda](https://www.anaconda.com/download/#macos). We use the installer version for **Python 3.7**.

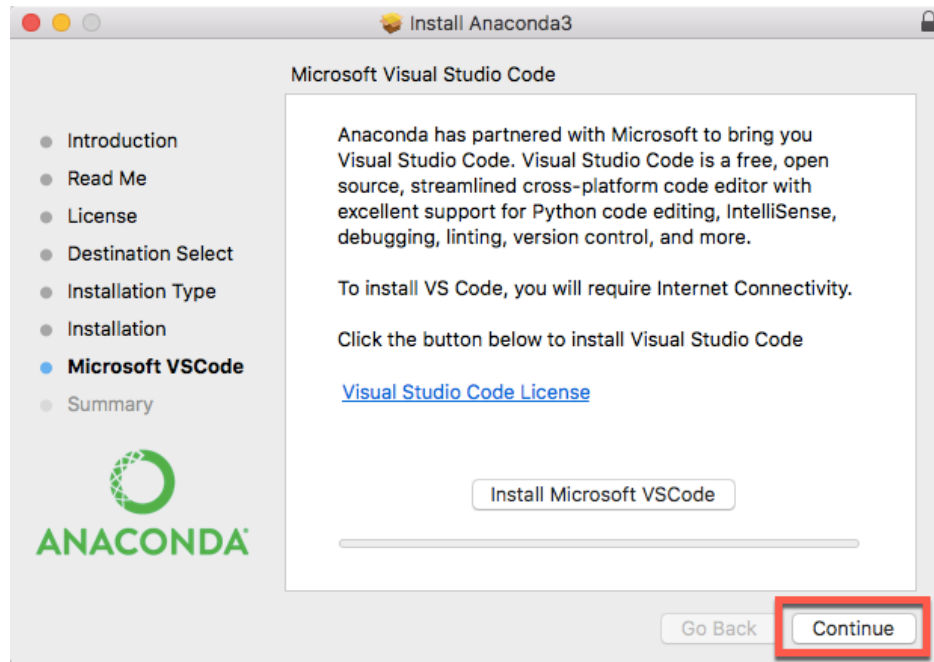


Then, open the file you downloaded and follow the **installation wizard**. The default settings are fine.





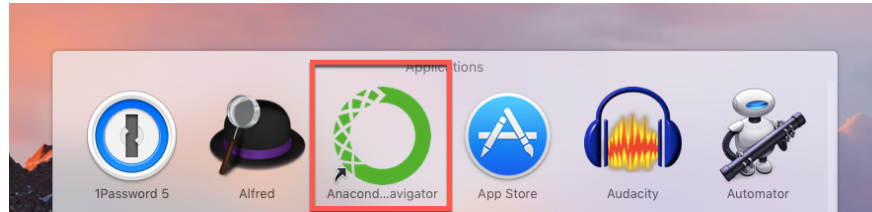
You will be presented the option to install the optional Visual Code Studio. We always just ignore this and press **Continue**.





Step 2: Open Jupyter Notebook

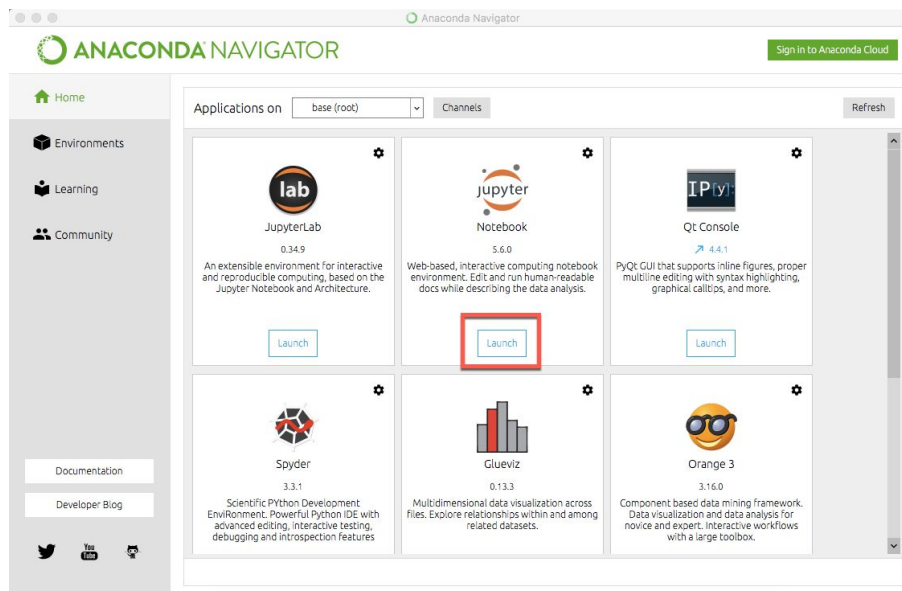
After installation, go to your Applications and open **Anaconda Navigator**.



We also recommend pinning it to your Dock for easier access.



After opening Anaconda Navigator, click **Launch** under **Jupyter Notebook**.





Step 3: Download the Workbook Bundle

Each project will come with its own **Workbook/Worksheet Bundle**. It will contain a combination of Jupyter Notebooks and/or PDF Worksheets that accompany the modules.

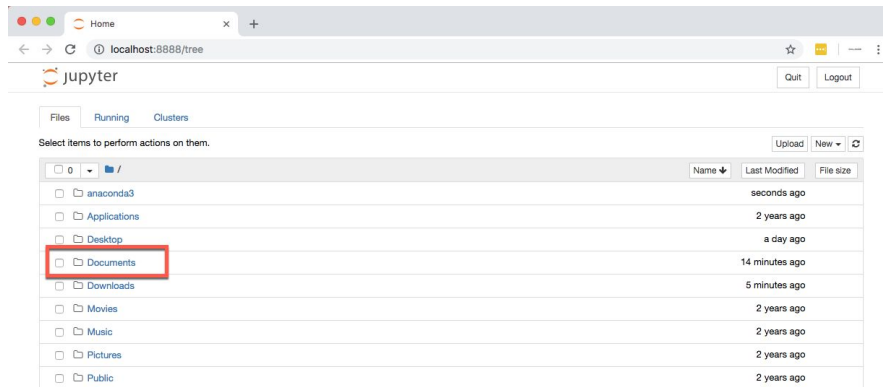
IMPORTANT: The workbooks are NOT stand-alone! They are meant to accompany the online **Coding Sections** of relevant modules. We recommend creating a new folder in your documents named '**Machine Learning Accelerator**' and then moving all the downloaded files there at the start of each project.

You can download the bundle for this Quickstart Guide, which only contains one short workbook called **Importing Your Arsenal**. Feel free to do that now and then come back to this tutorial.

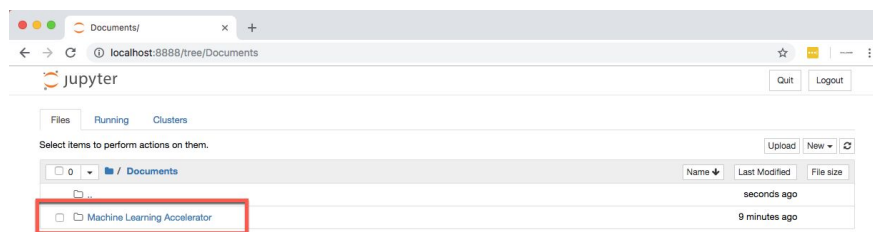


Step 4: Navigate to the Workbook Bundle

After clicking '**Launch**' under Jupyter Notebook within Anaconda Navigator, it should open in a new **browser** window. You should see the files and folders on your computer.



Next, simply navigate to the folder with the Workbook Bundle. In this example, we had it saved in **Documents > Machine Learning Accelerator > Python for Data Science**.



Finally, double-click on the notebook, and you're good to go! These are the **Companion Workbooks** to the online modules.



(The one pictured below is from the Python for Data Science project. Please download and open the **Importing Your Arsenal** notebook from this Quickstart Guide first.)

The screenshot shows the JupyterLab interface with the 'Files' tab selected. The breadcrumb path is 'Documents / Machine Learning Accelerator / Python for Data Science'. A table lists the files in the directory:

Name	Last Modified	File size
..	seconds ago	
project_files	15 minutes ago	
1 - Workbook - Python Basics.ipynb	a day ago	13 kB
2 - Workbook - Data Structures.ipynb	6 days ago	17.4 kB
3 - Workbook - Flow and Functions.ipynb	6 days ago	21.5 kB
4 - Workbook - NumPy.ipynb	5 days ago	25.4 kB
5 - Workbook - Pandas.ipynb	a day ago	30.3 kB

The screenshot shows the JupyterLab notebook interface for '1 - Workbook - Python Basics'. The notebook contains a 'COMPANION WORKBOOK' section with instructions and a 'LESSON CODE SANDBOX' section with code input fields.

COMPANION WORKBOOK

Python Basics

To make the most out of this program, we strongly recommend you to:

1. First practice writing and implementing all of the code from Coding Section of the online lesson.
2. Then, freely experiment with and explore any interesting or confusing concepts. Simply insert new code cells and then use the help of Google and official documentation.
3. Finally, tackle all of the exercises at the end. They will help you tie everything together and **learn in context**.

LESSON CODE SANDBOX

Use this space to practice writing and implementing all of the code from Coding Section of the online lesson. Insert new code cells as needed, and feel free to write notes to yourself in Markdown.

I. Python can be used for calculations.

In []:

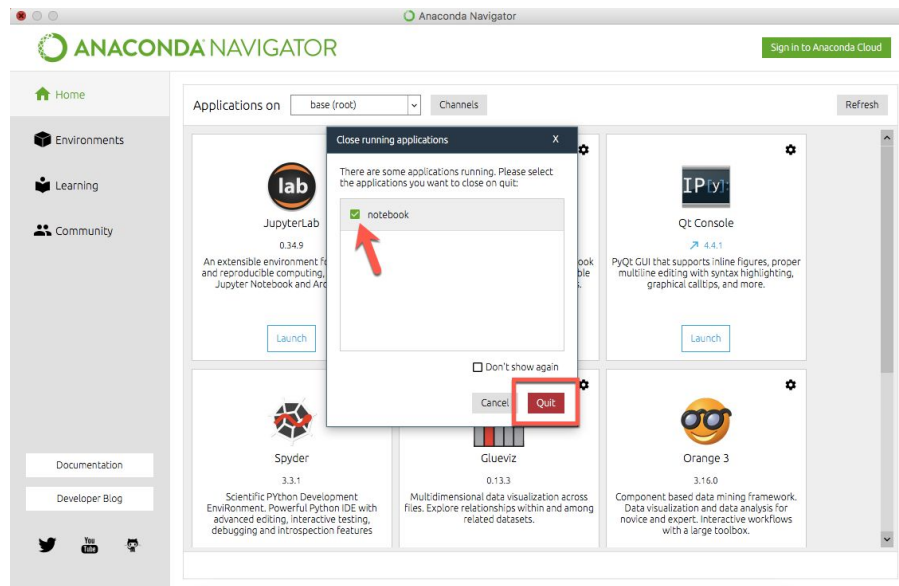
In []:

In []:



Step 5: Closing Your Notebooks

When you are finished with a notebook, save your work, and then close out from Anaconda Navigator, making sure to check the box to shut down the notebook as well.



Note that if you only close your browser, it does NOT shut down the Jupyter application. After starting, Jupyter will open a new **Terminal** window. To manually shut down Jupyter, switch to Terminal and press **Control + C**, twice on your keyboard.

```
EDS — jupyter_mac.command — python - bash — 80x24
[I 19:10:33.497 NotebookApp] http://localhost:8888/?token=76909edc250712df015ded68f756d0c2b2f0faa240264094
[I 19:10:33.497 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 19:10:33.553 NotebookApp]

Copy/paste this URL into your browser when you connect for the first time,
to login with a token:
http://localhost:8888/?token=76909edc250712df015ded68f756d0c2b2f0faa240264094
[I 19:10:35.652 NotebookApp] Accepting one-time-token-authenticated connection from ::1
[W 19:10:47.060 NotebookApp] Notebook Documents/Machine Learning Accelerator/Python for Data Science/1 - Workbook - Python Basics.ipynb is not trusted
[I 19:10:49.159 NotebookApp] Kernel started: 3055464c-06b4-4a90-961a-eefd76e62555
[I 19:10:52.201 NotebookApp] Adapting to protocol v5.1 for kernel 3055464c-06b4-4a90-961a-eefd76e62555
^C[I 19:11:53.871 NotebookApp] interrupted
Serving notebooks from local directory: /Users/EDS
1 active kernel
The Jupyter Notebook is running at:
http://localhost:8888/?token=76909edc250712df015ded68f756d0c2b2f0faa240264094
Shutdown this notebook server (y/[n])? 
```