

# How to install Anaconda

In this course, we will use the open-source Anaconda individual edition to perform Python and machine learning analyses on a single machine. This document covers how to download and install Anaconda on Windows and macOS operating systems.

## macOS:

1. Go to the Anaconda website: <https://www.anaconda.com>.
2. Click on the “Download” button to download the 64-Bit installer (Figure 1). This is a large ~500 MB file which can take some time to download. After the download is complete, open the package (pkg) file and follow the instructions on the screen (Figure 2). Click “Close” to close the window when done.

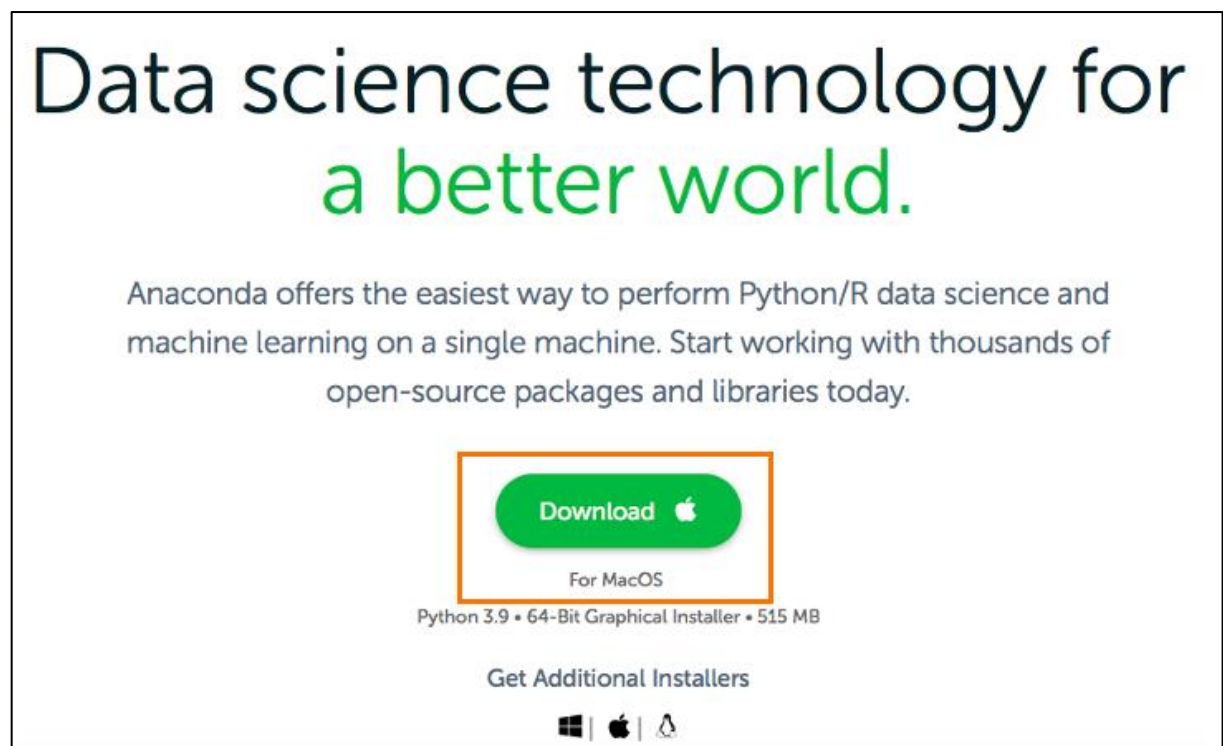


Figure 1. The Anaconda website on macOS. Click the Download button to get Anaconda.

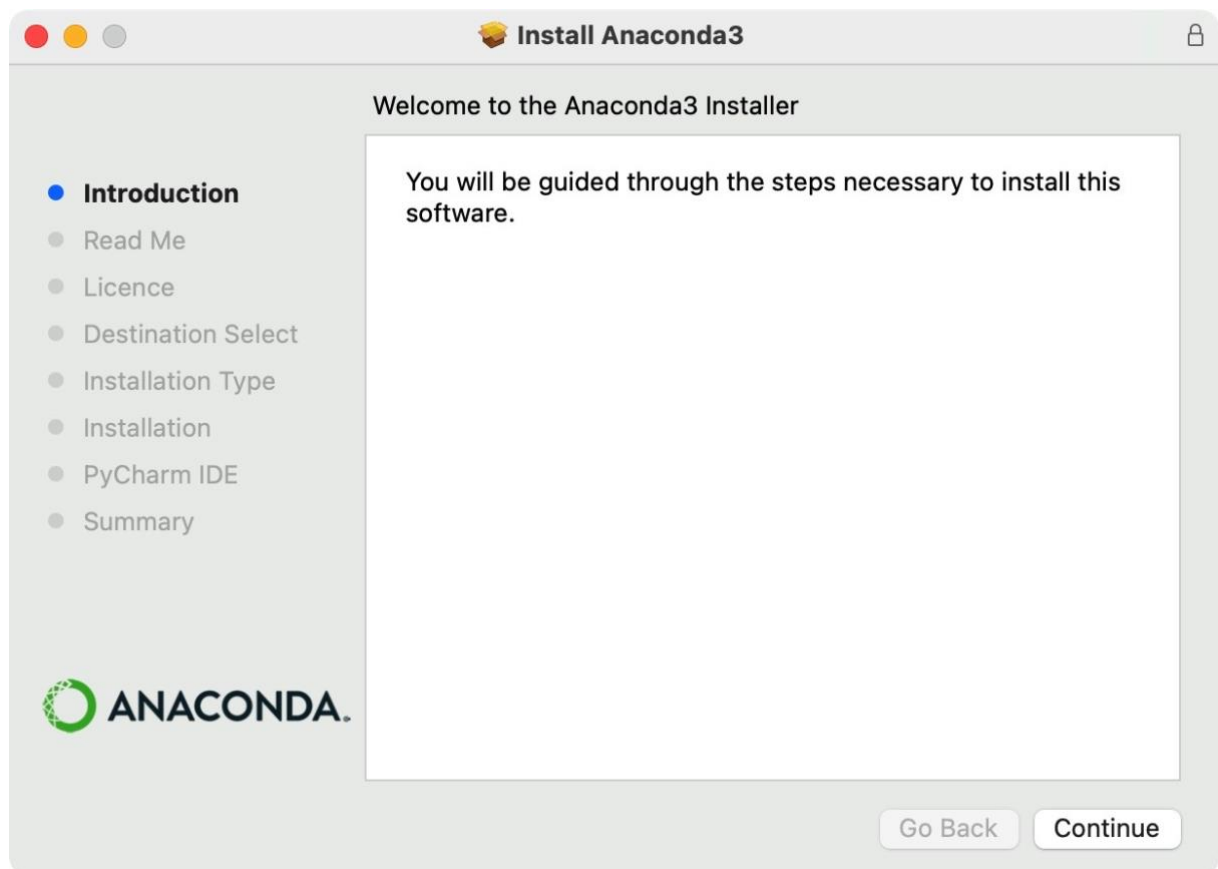


Figure 2. The Anaconda installer on macOS. Follow the steps to install Anaconda

### Windows:

1. Go to the Anaconda website: <https://www.anaconda.com>.
2. Click on the "Download" button to download the 64-Bit installer<sup>1</sup> (Figure 3). This is a large ~500 MB file that can take some time to download. After the download is complete, open the executable (exe) file and follow the instructions on the screen. Click "Finish" to close the window when done.

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<sup>1</sup> For both macOS and Windows, you can also download 32-Bit installers if you need.

# Data science technology for a better world.

Anaconda offers the easiest way to perform Python/R data science and machine learning on a single machine. Start working with thousands of open-source packages and libraries today.

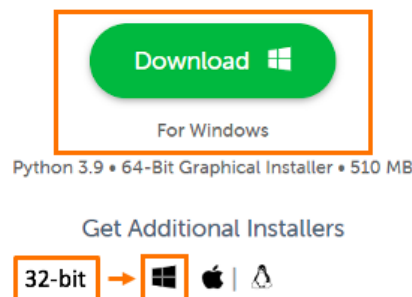


Figure 3. The Anaconda website on Windows. Click the Download button to get Anaconda.

## Starting up Anaconda-Navigator:

Anaconda consists of several packages (applications), and one of these is Anaconda-Navigator. Open Anaconda-Navigator: In Windows, from the Start menu, click the Anaconda-Navigator app. In macOS, click the Anaconda-Navigator icon in the Applications folder. This will open a main window (Figure 4), from which you can launch packages or install new packages.

## Starting Jupyter Notebook:

Click the Launch button below Jupyter Notebook (Figure 4) to start Jupyter Notebook. This will open Jupyter in a web browser (Figure 5). Using the folder icons, you can navigate to a given directory and open an existing notebook (file extension ipynb). Alternatively, you can create a new notebook by pressing the “New” button and choosing Python 3.

## Observation:

Anaconda has more packages than the ones you need for this course. However, Anaconda is very convenient to install new packages and manage multiple data environments. These two features are very important for this course.

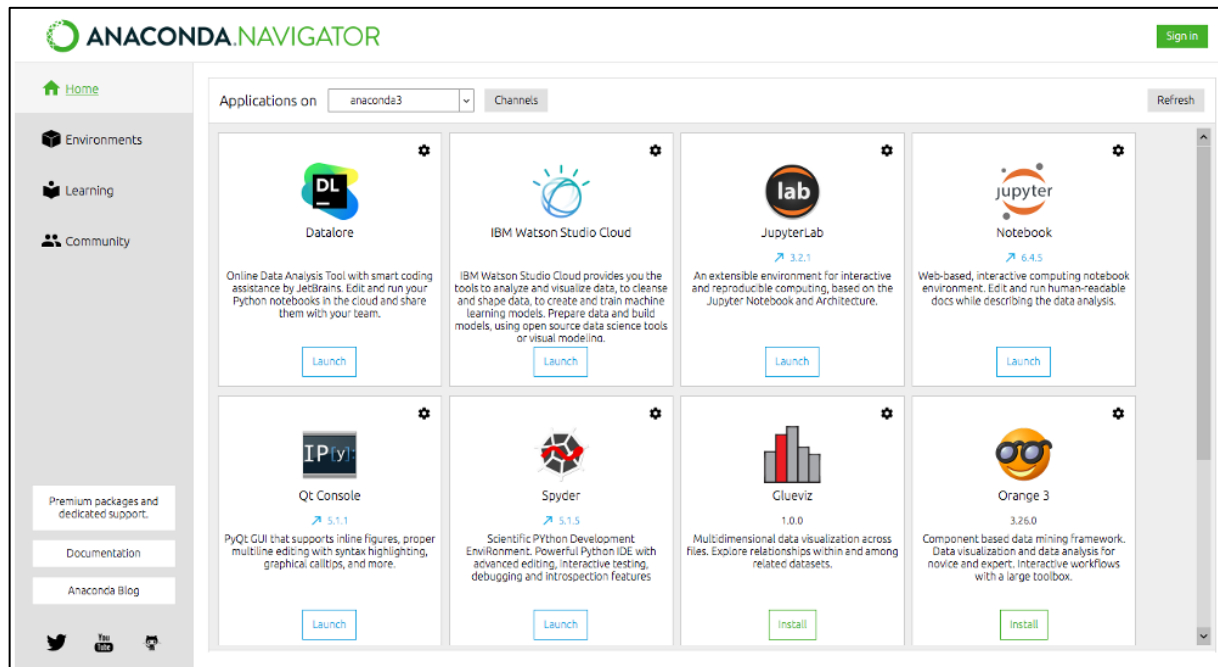


Figure 4. Anaconda Navigator. From this window you can launch Jupyter Notebook.

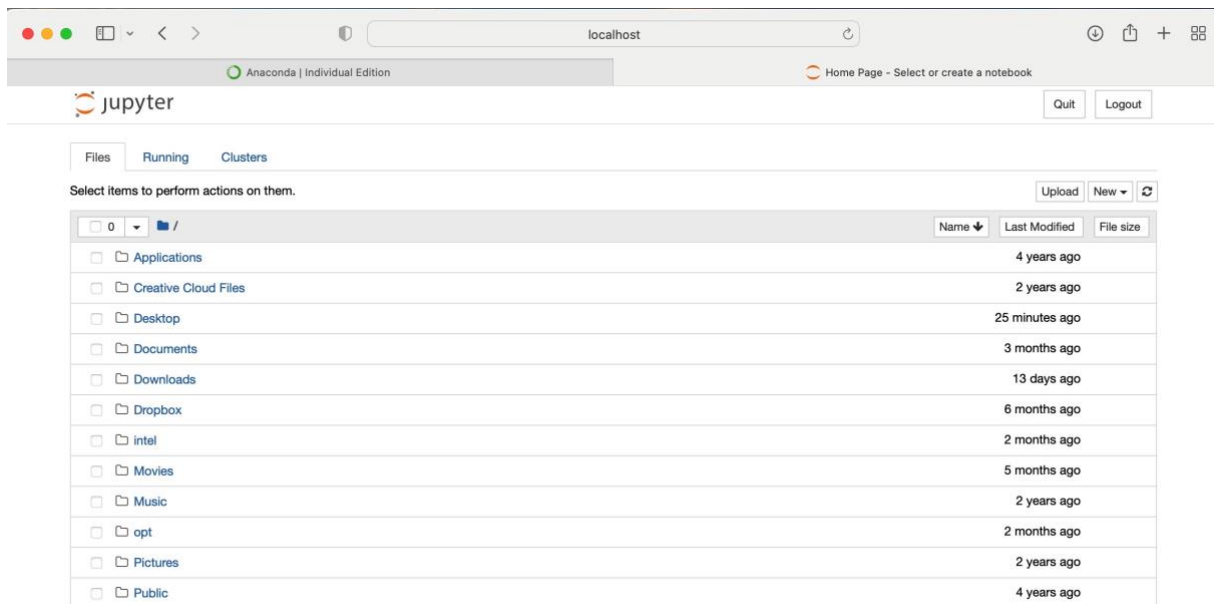


Figure 5. Jupyter Notebook listing home directories in a browser.