Laptop Prep for "Hands-on: Machine Learning Made Easy" with Python

Overview

Laptop preparation for the class consists of four steps, with detailed instructions below:

1. Download course files from GitHub
2. Installation of Anaconda Python
3. Verify installation

<u>NOTE</u> – Administrator permission may be required to complete laptop prep. Also, often it is necessary to disable anti-virus software to allow for the installation. As such, disabling any anti-virus is recommended before laptop prep. Lastly, installing the latest version of Anaconda Python is recommended – even if you have Python already installed.

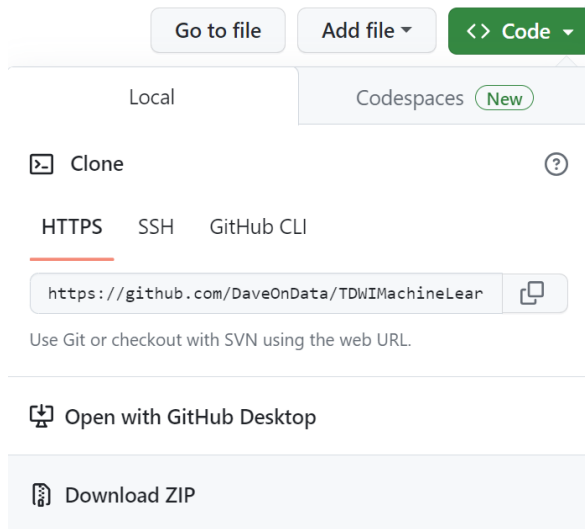The GitHub repository with all required course files is located here:

- https://github.com/DaveOnData/TDWIMachineLearningMadeEasyWithPython
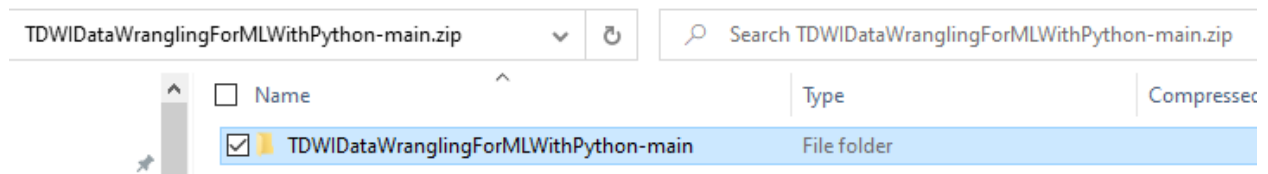
Hardware Requirements

1. Windows or Mac OS X preferred (instructors have no experience with Linux)
2. 64-bit operating system
3. 8GB of RAM, 16GB preferred
4. 4GB of free drive space
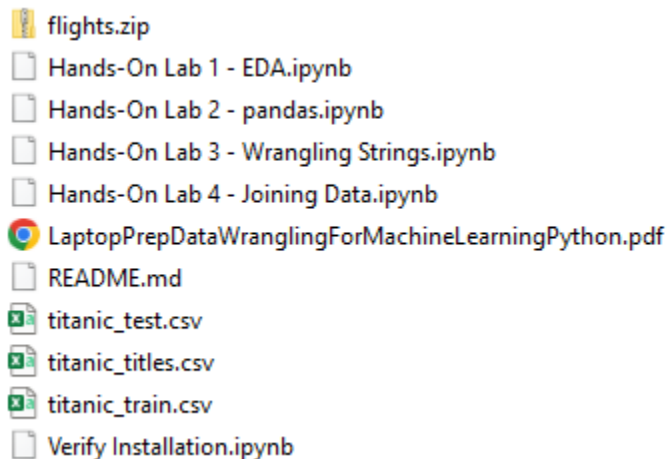
Step 1 - Download the files from GitHub

1. Within the GitHub repository page, click on the "Code" button and select "Download ZIP":

2. Copy the file folder within the downloaded ZIP to a well-known location on your laptop (e.g., the Desktop):
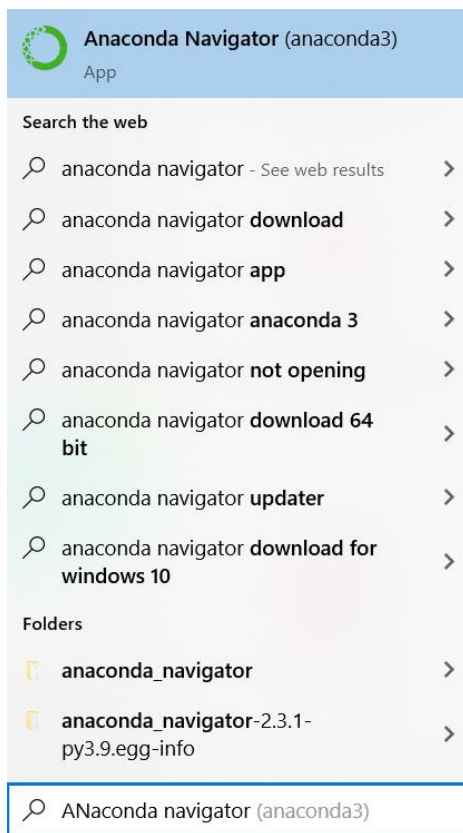

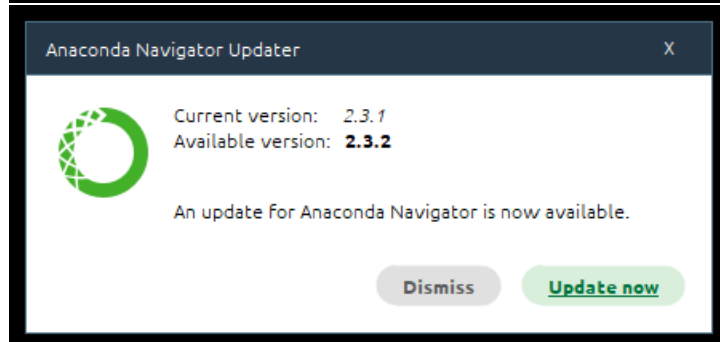3. Open the file folder. You should see the following files:
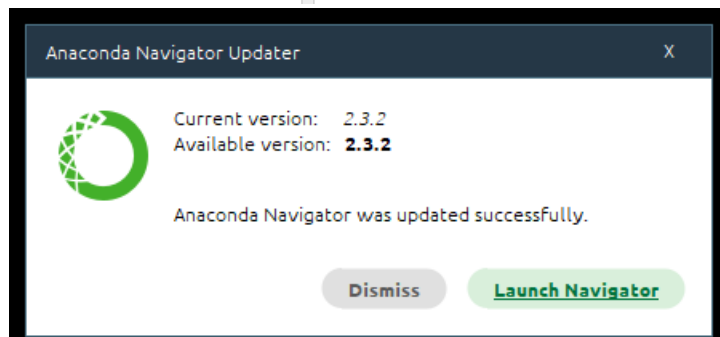
Step 2 – Anaconda Python Installation

1. Open your browser and navigate to: https://www.anaconda.com/products/distribution
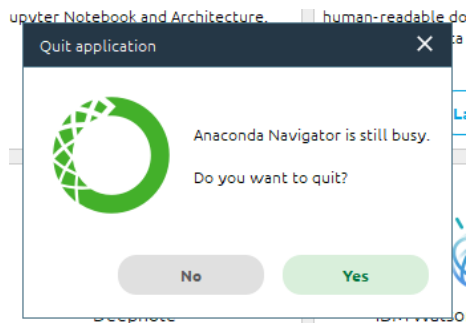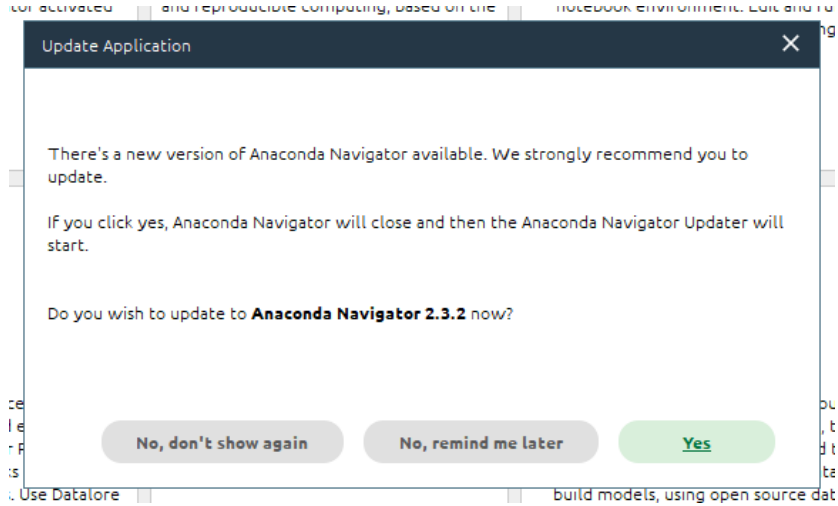
2. Click the download button.

3. When the installer has downloaded, start the installer and follow the instructions (accepting defaults) to complete the installation.
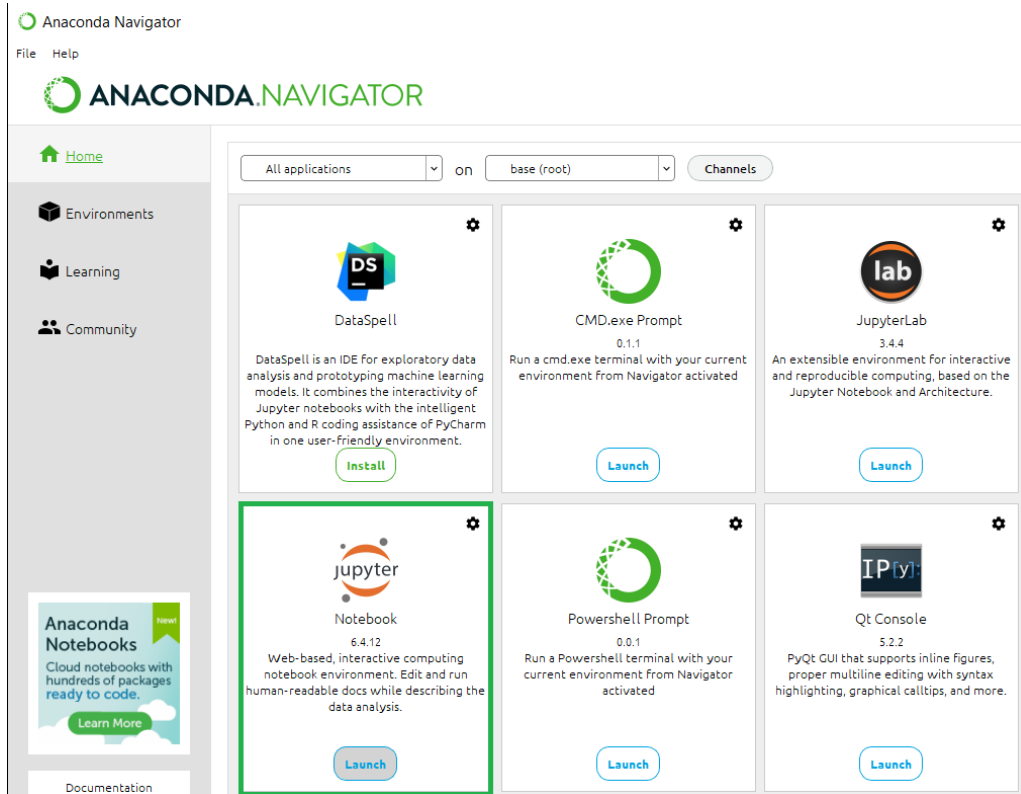
Step 3 – Verify Installation

1. With Anaconda Python installed, start the Anaconda Navigator application:
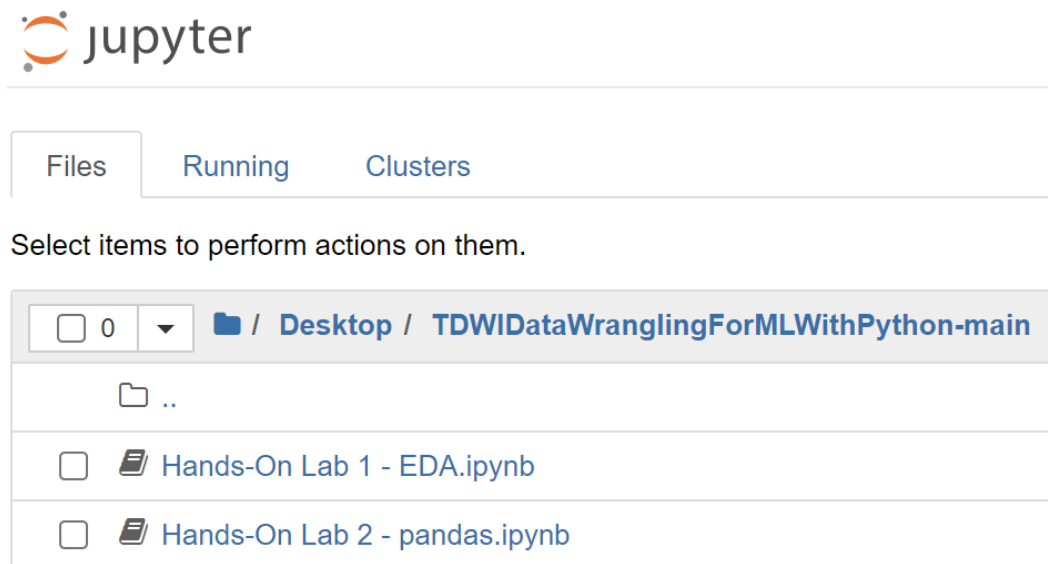
2. You may be prompted to upgrade Anaconda Navigator. Follow the dialogs to do so:

Update Application ✕

There's a new version of Anaconda Navigator available. We strongly recommend you to update.

If you click yes, Anaconda Navigator will close and then the Anaconda Navigator Updater will start.

Do you wish to update to **Anaconda Navigator 2.3.2** now?

No, don't show again   No, remind me later   Yes

Quit application ✕

Anaconda Navigator is still busy.

Do you want to quit?

No   Yes

Anaconda Navigator Updater X

Current version: 2.3.2
Available version: **2.3.2**

Anaconda Navigator was updated successfully.

Dismiss   Launch Navigator

Anaconda Navigator Updater X

Current version: 2.3.1
Available version: **2.3.2**

An update for Anaconda Navigator is now available.

Dismiss   Update now

3. If needed, relaunch Anaconda Navigator

4. NOTE – Your Anaconda Navigator window might not look exactly like the following. Within Anaconda Navigator, launch Jupyter Notebook:

5. Within the Jupyter browser, navigate to where you copied the course file folder:

Congratulations! You are now ready for the class!