

Set Up Your System

The Bash Shell

MacOS and Linux

The default shell in all versions of Mac OS X is Bash, so no need to install anything. If your machine is set up differently you can run it by opening a terminal and typing bash. There is no need to install anything.

Windows

1. Navigate to <https://gitforwindows.org> and download the program.
2. Run the installer.
3. When you reach "Adjusting your PATH environment", select **"Use Git and optional Unix tools from the Windows Command Prompt"** and click on "Next". If you forgot to do this, programs that you need for the workshop will not work properly. If this happens, rerun the installer and select the appropriate option.
4. When you reach "Configuring the line ending conversions", select **"Checkout Windows-style, commit Unix-style line endings"** and click on "Next".
5. When you reach "Configuring the terminal emulator to use with Git Bash", select **"Use Windows' default console window"** and click on "Next". Finish the installation.

If your "HOME" environment variable is not set (or if you don't know what this is):

1. Open the command prompt (open the Start Menu, type cmd and press Enter).
2. Type the following line into the command prompt window exactly as shown:

```
setx HOME "%USERPROFILE%"
```

1. Press Enter. You should see SUCCESS: Specified value was saved.
2. Quit the command prompt by typing exit then pressing Enter.

Python

1. Navigate to <https://www.anaconda.com/distribution/> and download the Python 3.7 version. Follow the given instructions for setting it up on your system.
2. Find and open Anaconda Navigator on your computer. It may be under the filename **anaconda-navigator**.
3. Launch the Jupyter Notebook application. This should open up a new tab in a browser with a localhost address.
4. Navigate to your desired Jupyter notebook and click it. This will let you run, edit, and save your notebooks easily in your browser. Try it out with the course materials you downloaded in the previous section.