

# Installing Anaconda Python on a Mac

Rich Townsend

Download Anaconda Python 3.6 (<https://www.anaconda.com/download/#macos>)

## Download for Your Preferred Platform



Windows



macOS



Linux

## Anaconda 5.2 For macOS Installer

### Python 3.6 version \*

↓ Download

[64-Bit Graphical Installer \(613 MB\)](#) ?

[64-Bit Command-Line Installer \(523 MB\)](#) ?

### Python 2.7 version \*

↓ Download

[64-Bit Graphical Installer \(617 MB\)](#) ?

[64-Bit Command-Line Installer \(527 MB\)](#) ?

[\\*How to get Python 3.5 or other Python versions](#)  
[How to Install ANACONDA](#)

# You don't need the Cheat Sheet if you don't want it...

Download for Your Preferred Platform



Windows



macOS



Linux

Thank You for Downloading Anaconda!

Get Started with the Anaconda Cheat Sheet

Your information will be processed according to Anaconda's [Privacy Policy](#)

Download

[64-Bit Graphical Installer \(613 MB\)](#) ⓘ

[64-Bit Command-Line Installer \(523 MB\)](#) ⓘ

Download

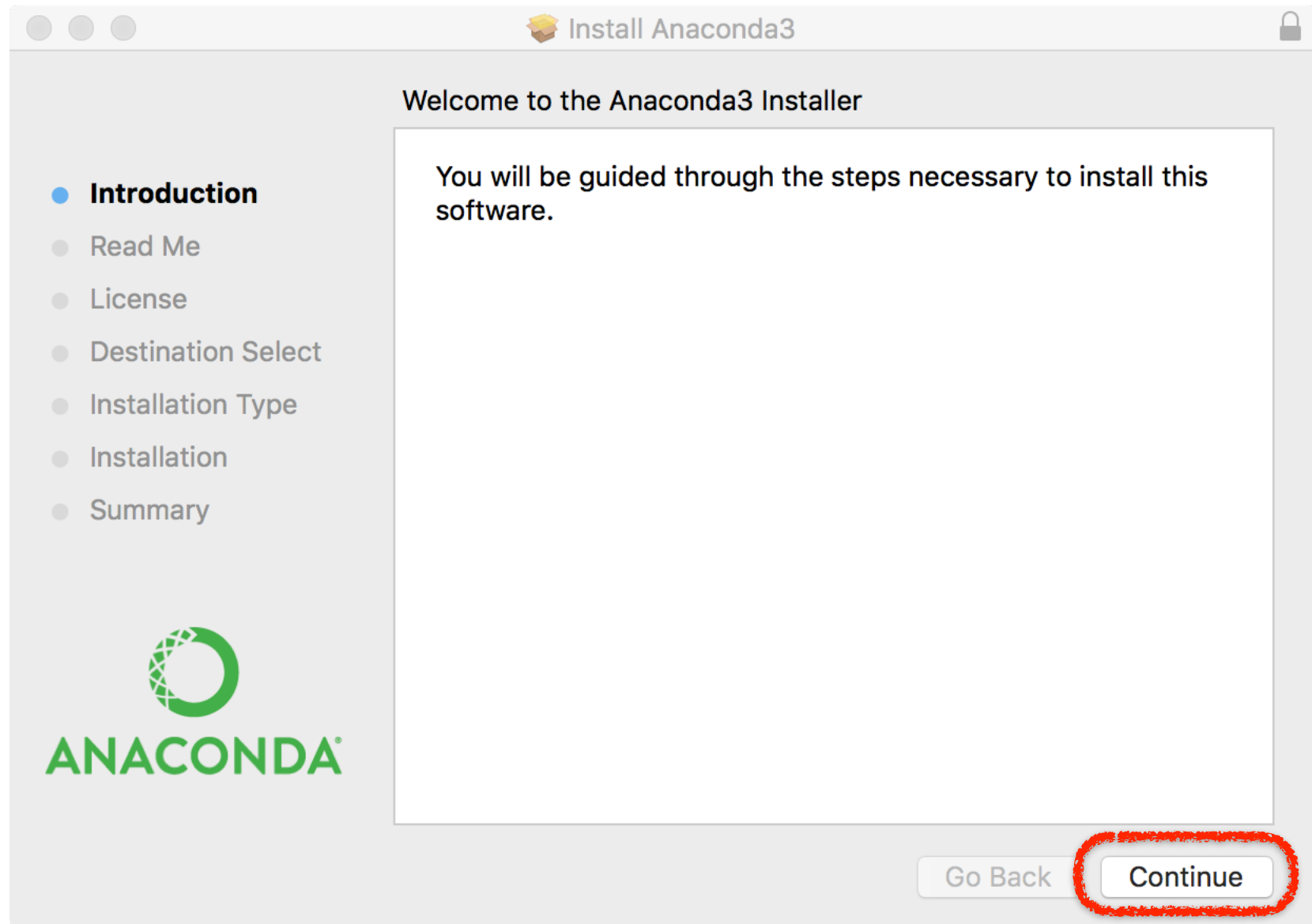
[64-Bit Graphical Installer \(617 MB\)](#) ⓘ

[64-Bit Command-Line Installer \(527 MB\)](#) ⓘ

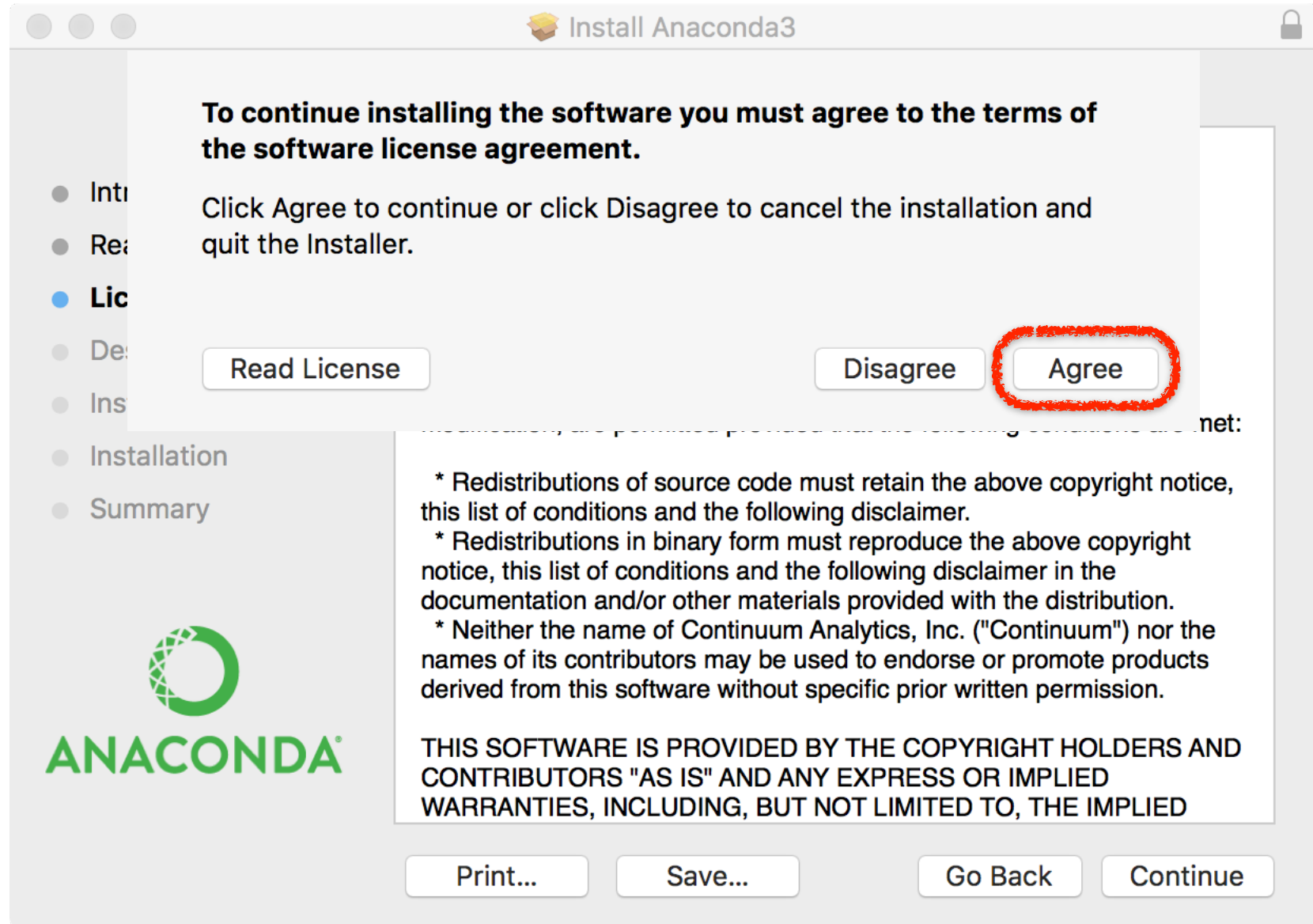
[\\*How to get Python 3.5 or other Python versions](#)

[How to Install ANACONDA](#)

Open the downloaded file (Anaconda3-5.2.0-MacOSX-x86\_64.pkg) and begin the installation

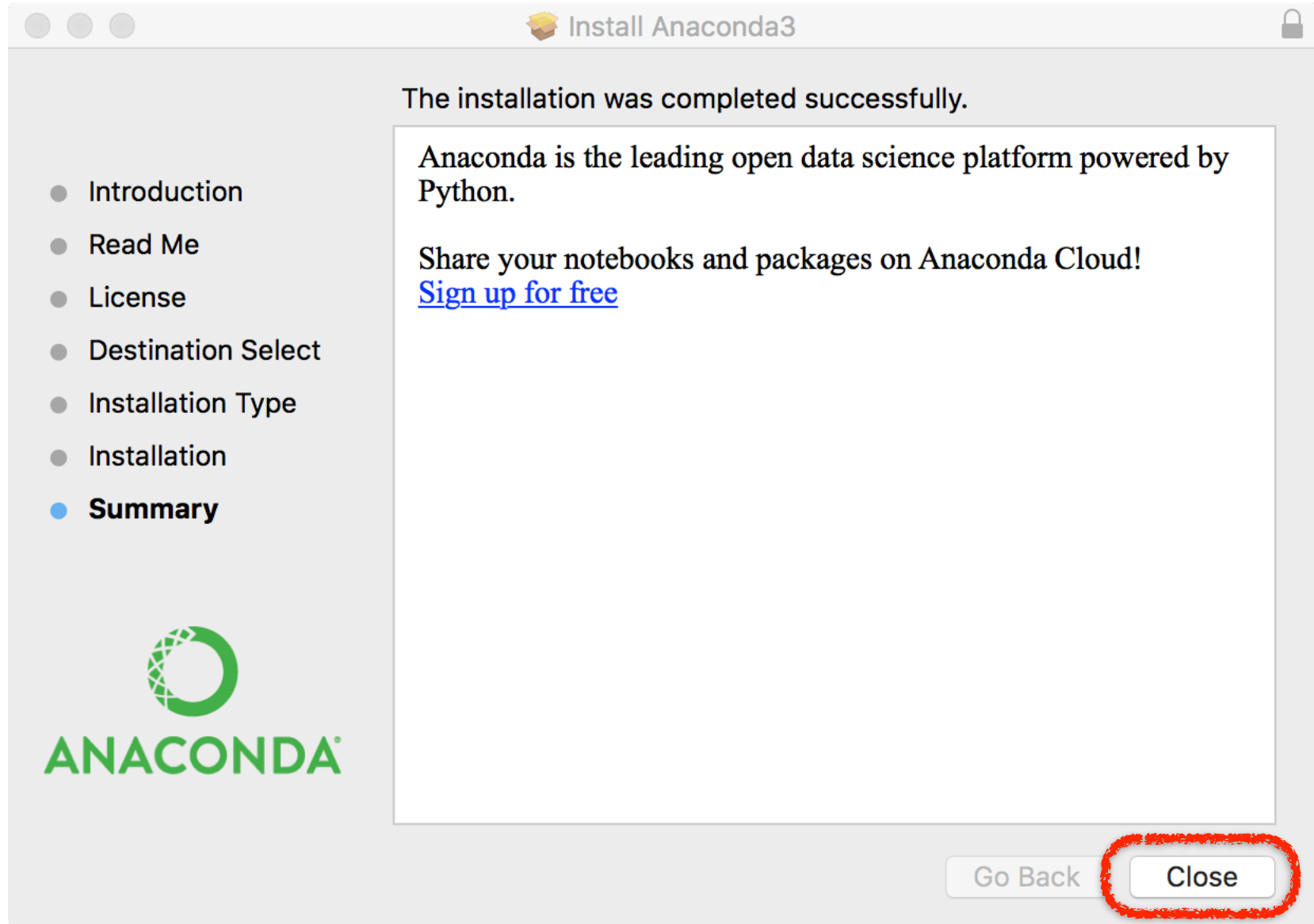


# Agree to the license



NB: Not all steps shown

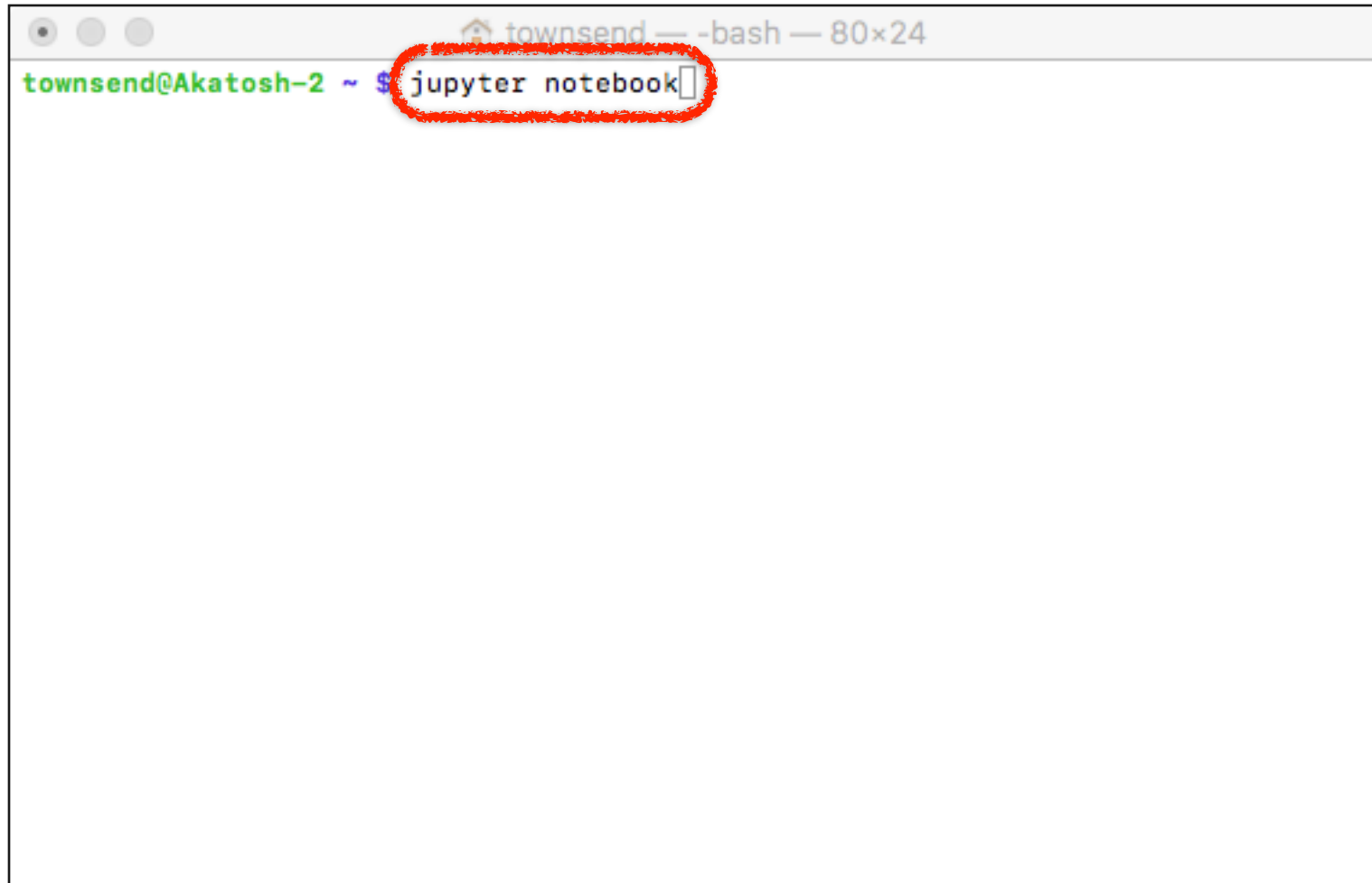
# Complete the installation



# Find and launch the Terminal app



# Launch jupyter from the Terminal app

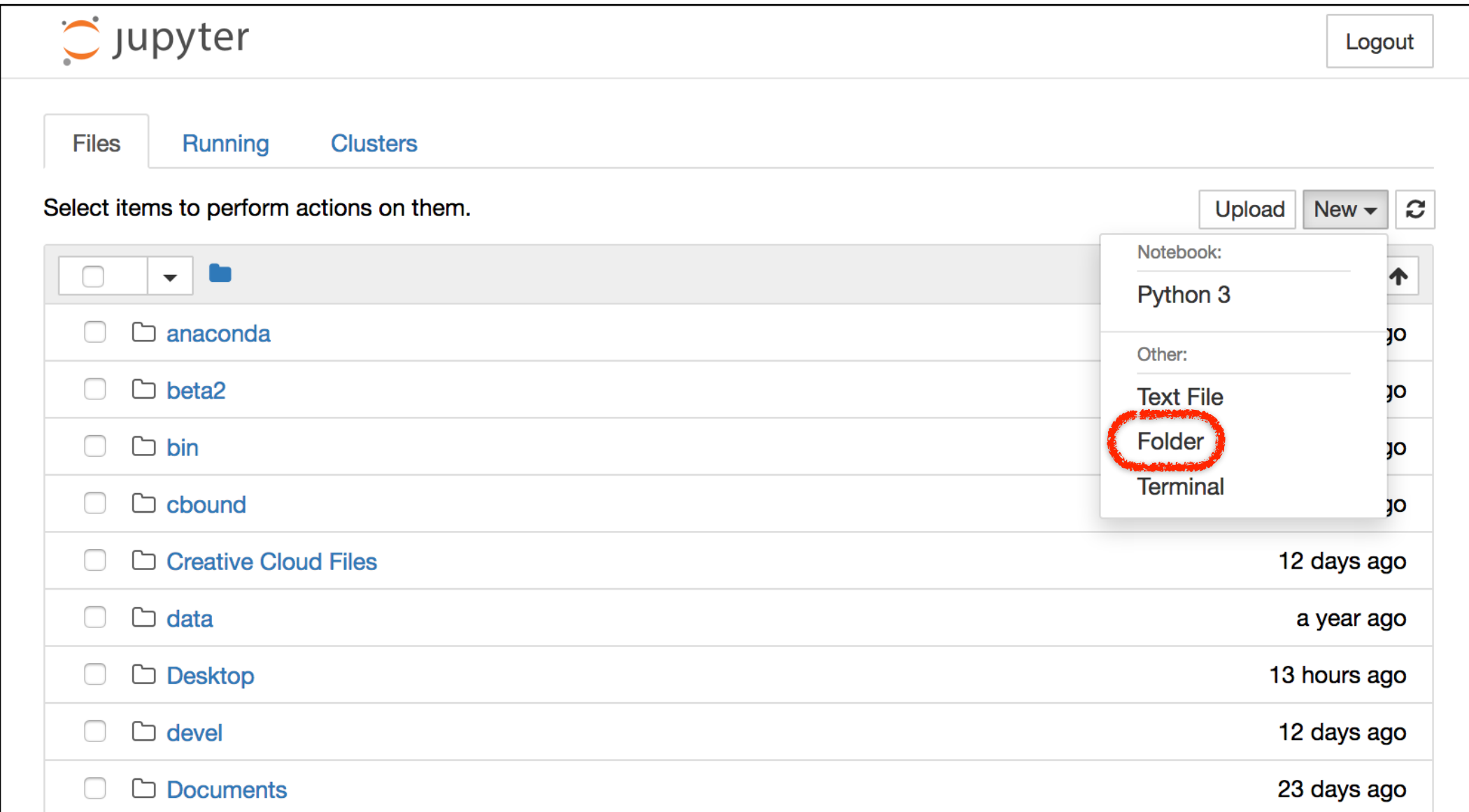


A screenshot of a macOS Terminal window. The title bar at the top shows a home icon, the name 'townsend', and the shell type '-bash' with a window size of '80x24'. The prompt 'townsend@Akatosh-2 ~ \$' is visible in green. The command 'jupyter notebook' is typed in blue and is highlighted with a red hand-drawn oval. A cursor is at the end of the command.

```
townsend@Akatosh-2 ~ $ jupyter notebook
```



# Create a new folder — this will be where all your Astronomy 310 work resides



The image shows the JupyterLab web interface. At the top left is the Jupyter logo. At the top right is a 'Logout' button. Below the logo are three tabs: 'Files' (selected), 'Running', and 'Clusters'. Below the tabs is a message: 'Select items to perform actions on them.' To the right of this message are three buttons: 'Upload', 'New' (with a dropdown arrow), and a refresh icon. The 'New' dropdown menu is open, showing two sections: 'Notebook:' with 'Python 3' selected, and 'Other:' with 'Text File', 'Folder' (highlighted with a red circle), and 'Terminal'. The main area displays a list of files and folders, each with a checkbox and a folder icon. The list includes: 'anaconda', 'beta2', 'bin', 'cbound', 'Creative Cloud Files' (12 days ago), 'data' (a year ago), 'Desktop' (13 hours ago), 'devel' (12 days ago), and 'Documents' (23 days ago).

jupyter

Logout

Files Running Clusters

Select items to perform actions on them.

Upload New ↕ ↻

Notebook:  
Python 3

Other:  
Text File  
**Folder**  
Terminal

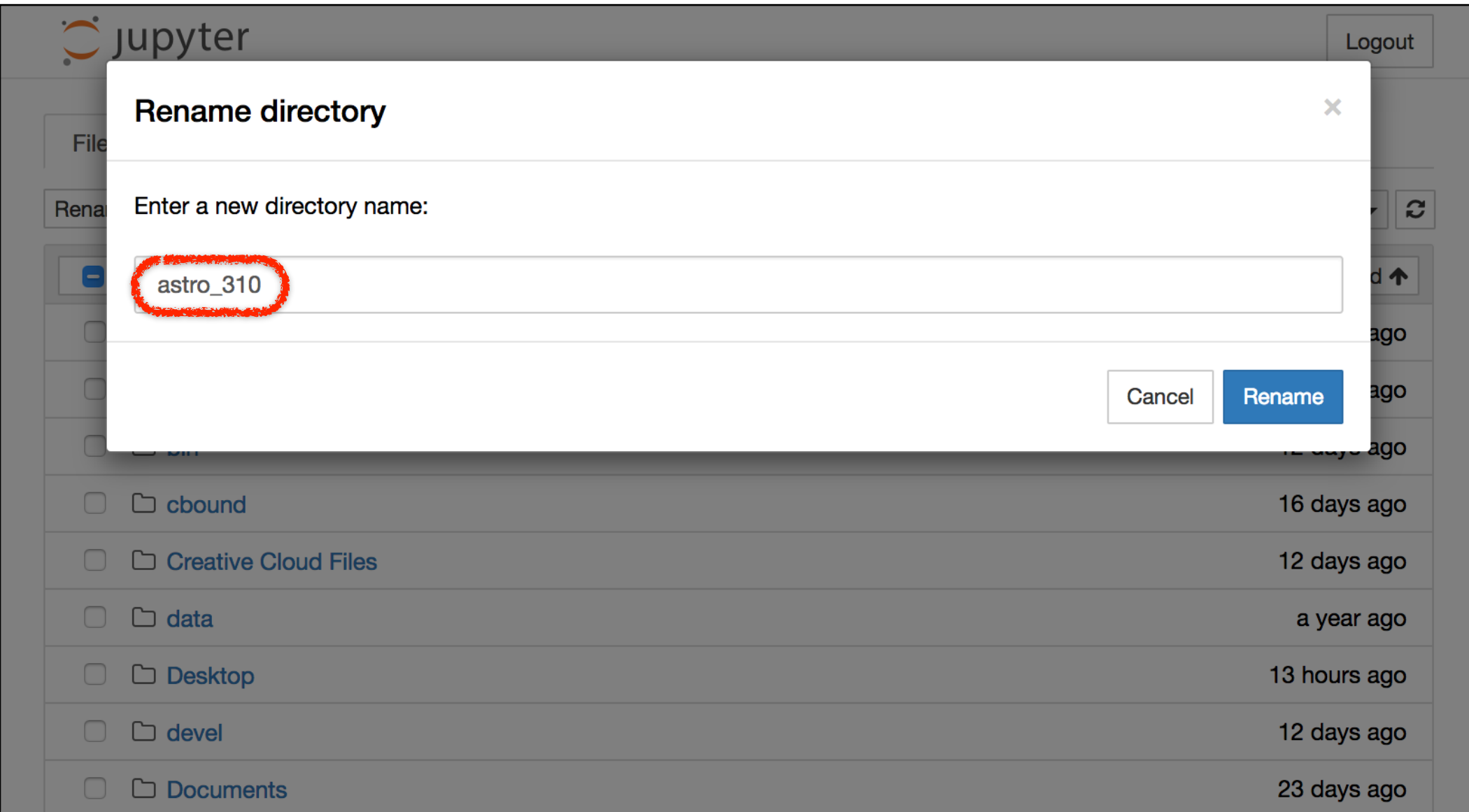
<input type="checkbox"/>	anaconda	
<input type="checkbox"/>	beta2	
<input type="checkbox"/>	bin	
<input type="checkbox"/>	cbound	
<input type="checkbox"/>	Creative Cloud Files	12 days ago
<input type="checkbox"/>	data	a year ago
<input type="checkbox"/>	Desktop	13 hours ago
<input type="checkbox"/>	devel	12 days ago
<input type="checkbox"/>	Documents	23 days ago

# Select the new folder

[Logout](#)

<input type="checkbox"/>	Folder p.dSYM	2 months ago
<input type="checkbox"/>	Folder Pictures	a month ago
<input type="checkbox"/>	Folder Public	8 months ago
<input type="checkbox"/>	Folder python	8 months ago
<input type="checkbox"/>	Folder sigorie-most	3 months ago
<input type="checkbox"/>	Folder tmp	23 days ago
<input checked="" type="checkbox"/>	Folder Untitled Folder	a minute ago
<input type="checkbox"/>	Folder work	2 months ago
<input type="checkbox"/>	File abstract.txt	4 months ago
<input type="checkbox"/>	File appendix.aux	4 months ago
<input type="checkbox"/>	File appendix.log	4 months ago
<input type="checkbox"/>	File appendix.pdf	4 months ago
<input type="checkbox"/>	File appendix.tex	4 months ago

Rename the new folder to “astro\_310” (use the *Rename* button at the top)



The image shows a JupyterLab interface with a 'Rename directory' dialog box open. The dialog box has a title bar with a close button (X). Inside, it says 'Enter a new directory name:' followed by a text input field containing 'astro\_310'. The text 'astro\_310' is circled in red. At the bottom right of the dialog are 'Cancel' and 'Rename' buttons. The background shows a file browser with a list of folders: 'cbound', 'Creative Cloud Files', 'data', 'Desktop', 'devel', and 'Documents', each with a checkbox and a timestamp.

**Jupyter**

Logout

**Rename directory** [X]

Enter a new directory name:

astro\_310

Cancel Rename

Folder	Timestamp
<input type="checkbox"/> cbound	16 days ago
<input type="checkbox"/> Creative Cloud Files	12 days ago
<input type="checkbox"/> data	a year ago
<input type="checkbox"/> Desktop	13 hours ago
<input type="checkbox"/> devel	12 days ago
<input type="checkbox"/> Documents	23 days ago

# Change current folder to “astro\_310” by clicking on the folder name



Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New ▾



<input type="checkbox"/>	<input type="button" value="▼"/>		Name ↑	Last Modified ↑
<input type="checkbox"/>			anaconda	19 minutes ago
<input type="checkbox"/>			astro_310	2 minutes ago
<input type="checkbox"/>			beta2	3 months ago
<input type="checkbox"/>			bin	12 days ago
<input type="checkbox"/>			cbound	16 days ago
<input type="checkbox"/>			Creative Cloud Files	12 days ago
<input type="checkbox"/>			data	a year ago
<input type="checkbox"/>			Desktop	13 hours ago
<input type="checkbox"/>			devel	12 days ago

# Create a new Python 3 notebook



Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New ▾



☐ ▾ / astro\_310

⌂ ..

Notebook list empty.

Notebook:

Python 3

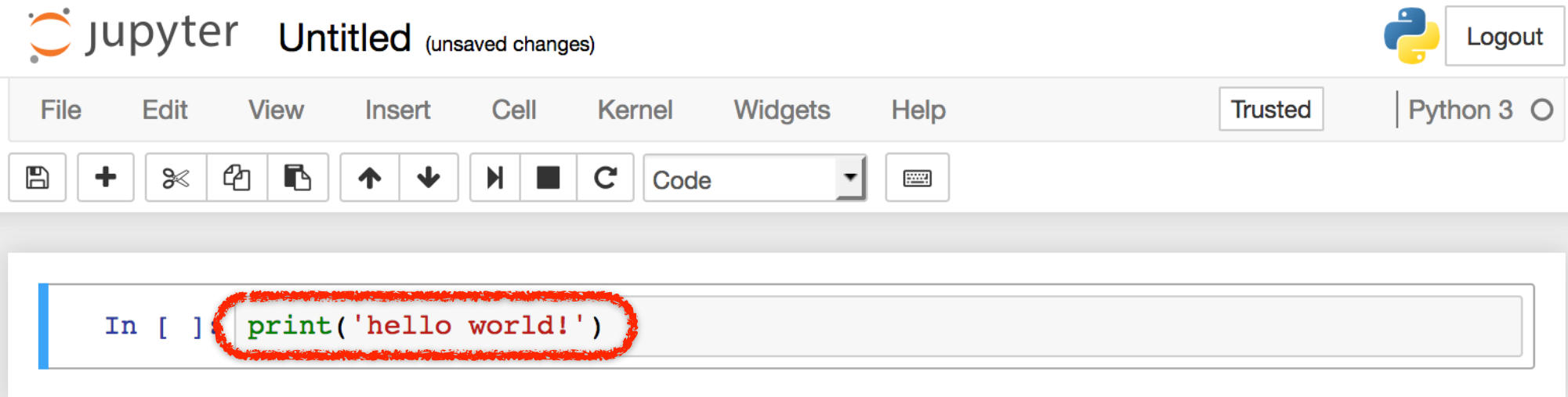
Other:

Text File

Folder

Terminal

Enter a command, and then press the “Run Cell” (▶|) button or hit *Shift-Enter*



The image shows a Jupyter Notebook interface. At the top, the Jupyter logo is on the left, followed by the text "Untitled (unsaved changes)". On the right, there is a Python logo and a "Logout" button. Below this is a menu bar with "File", "Edit", "View", "Insert", "Cell", "Kernel", "Widgets", and "Help". To the right of the menu bar are "Trusted" and "Python 3" buttons. Below the menu bar is a toolbar with icons for saving, adding, deleting, copying, pasting, undo, redo, and a "Code" dropdown menu. The main area of the notebook contains a single code cell. The cell's prompt is "In [ ]:" and the code inside is "print('hello world!')". The code is highlighted with a red dashed border.


jupyter Untitled (unsaved changes) Logout

File Edit View Insert Cell Kernel Widgets Help Trusted Python 3

Code

```
In [ ]: print('hello world!')
```

# Success!

 jupyter Untitled (unsaved changes)



Logout

File

Edit

View

Insert

Cell

Kernel

Widgets

Help

Trusted

Python 3 



Code



```
In [1]: print('hello world!')
```

```
hello world!
```

```
In [ ]:
```