

Handout

1. Installation steps for Jupyter.

<http://jupyter.readthedocs.io/en/latest/install.html>

The screenshot shows the Jupyter installation page. On the left is a sidebar with links: Jupyter Notebook Quickstart, Try Jupyter, Installing Jupyter Notebook, Optional: Installing Kernels, Running the Notebook, Migrating from IPython Notebook, Architecture Guides, Narratives and Use Cases, IPython, Installation, Configuration, and Usage, Community Guides, and Contributor Guides. The main content area has a list of links at the top: Installing Jupyter using Anaconda and conda, and Alternative for experienced Python users: Installing Jupyter with pip. Below this is a paragraph explaining the purpose of the page. A section titled 'Prerequisite: Python' explains that Python 3.3 or greater is required. Another section recommends using Anaconda. A red box highlights the 'Installing Jupyter using Anaconda and conda' section, which includes three numbered steps: 1. Download Anaconda (Python 3.5), 2. Install Anaconda, and 3. Run the notebook. A terminal snippet shows 'jupyter notebook' being entered. Below the box is a link to 'Running the Notebook'. At the bottom, there is a link for the alternative installation method for experienced users.

• Installing Jupyter using Anaconda and conda
• *Alternative for experienced Python users: Installing Jupyter with pip*

This information explains how to install the Jupyter Notebook and the IPython kernel.

Prerequisite: Python

While Jupyter runs code in many programming languages, **Python** is a requirement (Python 3.3 or greater, or Python 2.7) for installing the Jupyter Notebook.

We recommend using the **Anaconda** distribution to install Python and Jupyter. We'll go through its installation in the next section.

Installing Jupyter using Anaconda and conda

For new users, we **highly recommend** installing **Anaconda**. Anaconda conveniently installs Python, the Jupyter Notebook, and other commonly used packages for scientific computing and data science.

Use the following installation steps:

1. Download **Anaconda**. We recommend downloading Anaconda's latest Python 3 version (currently Python 3.5).
2. Install the version of Anaconda which you downloaded, following the instructions on the download page.
3. Congratulations, you have installed Jupyter Notebook. To run the notebook:

```
jupyter notebook
```

See [Running the Notebook](#) for more details.

Alternative for experienced Python users: Installing Jupyter

Once you navigate to the page above using the link, click on **installing Anaconda**, you will be navigated to the page below.

The screenshot shows the Anaconda 5.0.1 For macOS Installer page. The top navigation bar includes links for Anaconda Cloud, Documentation, Blog, Contact, and a search icon. Below the navigation bar are links for Windows, macOS, and Linux. The main heading is 'Anaconda 5.0.1 For macOS Installer'. There are two main download buttons: 'Python 3.6 version' and 'Python 2.7 version'. Each button has a 'Download' link. Below each button are links for '64-Bit Graphical Installer (569 MB)' and '64-Bit Command-Line Installer (491 MB)'. At the bottom, there are links for 'How to get Python 3.5 or other Python versions' and 'How to install ANACONDA'. A 'Get Started' button is at the very bottom.

ANACONDA

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Anaconda 5.0.1 For macOS Installer

Python 3.6 version *

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[64-Bit Graphical Installer \(569 MB\)](#) ⓘ
[64-Bit Command-Line Installer \(491 MB\)](#) ⓘ

Python 2.7 version *

[Download](#)

[64-Bit Graphical Installer \(563 MB\)](#) ⓘ
[64-Bit Command-Line Installer \(487 MB\)](#) ⓘ

[How to get Python 3.5 or other Python versions](#)
[How to install ANACONDA](#)

Get Started

We recommend using python 3.6 version for installation since it comes with many installed libraries.