# IACS-Computes! 2016 Installing Anaconda

Greetings Everyone,

For this camp, we will be using the Python distribution knows as Anaconda. Anaconda comes with a vast amount of libraries, Jupyter Notebooks with iPython, and has nice cross-platform support. Anaconda can be obtained for free from www.continuum.io, where the following instructions on installation can also be found (Just click on the downloads section). We will be using Python version 2.7 for this camp. We will be doing this as a group at the start of the camp.

Cheers,
Bryan Sundahl

## Anaconda for Windows

| PYTHON 2.7 | PYTHON 3.5 |
|---|---|
| **WINDOWS 64-BIT** GRAPHICAL INSTALLER 340M | **WINDOWS 64-BIT** GRAPHICAL INSTALLER 351M |
| **Windows 32-bit Graphical Installer** 285M | **Windows 32-bit Graphical Installer** 292M |
| Behind a firewall? Use these **zipped Windows installers**. | |

### Windows Anaconda Installation

1. Download the graphical installer.
2. Optional: **Verify data integrity with SHA-256**.
3. Double-click the .exe file to install Anaconda and follow the instructions on the screen.

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## Anaconda for OS X

| PYTHON 2.7 | PYTHON 3.5 |
| --- | --- |
| **MAC OS X 64-BIT** GRAPHICAL INSTALLER<br>344M (OS X 10.7 or higher) | **MAC OS X 64-BIT** GRAPHICAL INSTALLER<br>346M (OS X 10.7 or higher) |
| **Mac OS X 64-bit Command-Line installer**<br>295M (OS X 10.7 or higher) | **Mac OS X 64-bit Command-Line installer**<br>297M (OS X 10.7 or higher) |

## OS X Anaconda Installation

Choose either the graphical installer or the command line installer for OS X.

### Graphical Installer:

1. Download the graphical installer.
2. Optional: **Verify data integrity with SHA-256**.
3. Double-click the downloaded .pkg file and follow the instructions.

### Command Line Installer:

1. Download the command line installer.
2. Optional: **Verify data integrity with SHA-256**.
3. In your terminal window, type one of the below and follow the instructions:
   **Python 2.7:**

   ```
   bash Anaconda2-4.1.0-MacOSX-x86_64.sh
   ```
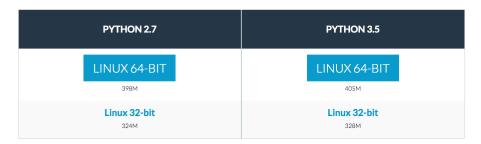
   **Python 3.5:**
   ```
   bash Anaconda3-4.1.0-MacOSX-x86_64.sh
   ```
   NOTE: Include the "bash" command even if you are not using the bash shell.

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## Anaconda for Linux

| PYTHON 2.7 | PYTHON 3.5 |
|---|---|
| LINUX 64-BIT | LINUX 64-BIT |
| 398M | 405M |
| **Linux 32-bit** | **Linux 32-bit** |
| 324M | 328M |

### Linux Anaconda Installation

1. Download the installer.
2. Optional: **Verify data integrity with SHA-256**.
3. In your terminal window type one of the below and follow the instructions:

   **Python 2.7:**

   ```
   bash Anaconda2-4.1.0-Linux-x86_64.sh
   ```

   **Python 3.5:**
   ```
   bash Anaconda3-4.1.0-Linux-x86_64.sh
   ```
   NOTE: Include the "bash" command even if you are not using the bash shell.