

# Preparing for Technical Workshops


This workshop will be delivered through an iPython Notebook. Please take some time to ensure you can run iPython Notebooks before arriving at the workshop. If you would like help getting set up, you may want to arrive at 1pm(60 minutes prior to the start of the workshop) to receive help with installing the required components for the workshop.

If you can't currently run an iPython notebook, we recommend the following (instructions to follow):

- Download and install Anaconda
  - <https://www.continuum.io/downloads>
- Download the GitHub repository for our workshop
  - [https://github.com/BeniamG/Computational\\_Text\\_Analysis\\_4session](https://github.com/BeniamG/Computational_Text_Analysis_4session)
- Run the iPython Notebook “Installation Check.ipynb”
  - Text\_Analysis\_Fundamentals\_3session/00-Resources/Installation Check.ipynb

# Download Anaconda




<https://www.continuum.io/downloads>



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### GET SUPERPOWERS WITH ANACONDA

Anaconda is the leading open data science platform powered by Python. The open source version of Anaconda is a high performance distribution of Python and R and includes over 100 of the most popular Python, R and Scala packages for data science.

Additionally, you'll have access to over 720 packages that can easily be installed with conda, our renowned package, dependency and environment manager, that is included in Anaconda. See the [packages](#) included with Anaconda and the Anaconda [changelog](#).

**Which version should I download and install?**  
With Anaconda you can run multiple versions of Python in isolated environments, so choose the download with the Python version that you use more often, as that will be your default Python version.

If you don't have time or disk space for the entire distribution, try [Miniconda](#) which contains only conda and Python. Then install just the individual packages you want through the conda command.

Download for WindowsDownload for OSXDownload for Linux

**Anaconda 4.2.0**  
For OSX  
Anaconda is BSD licensed which gives you permission to use Anaconda commercially and for redistribution.  
[Changelog](#)  
*Graphical Installer*  
1. Download the graphical installer  
2. 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 MD5 or SHA-256  
[More info](#)  
3. In your terminal window type one of the below and follow the instructions:  
**Python 3.5 version**  

```
bash Anaconda3-4.2.0-MacOSX-x86_64.sh
```

  
**Python 2.7 version**  

```
bash Anaconda2-4.2.0-MacOSX-x86_64.sh
```

  
NOTE: Include the "bash" command even if you are not using the bash shell.

Python 3.5 version

GRAPHICAL INSTALLER (407M)

COMMAND-LINE INSTALLER (349M)

64-Bit

Python 2.7 version

GRAPHICAL INSTALLER (403M)

COMMAND-LINE INSTALLER (346M)

64-Bit

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## Anaconda 4.2.0

### For OSX

Anaconda is BSD licensed which gives you permission to use Anaconda commercially and for redistribution.

[Changelog](#)

#### Graphical Installer

1. Download the graphical installer
2. 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 [MDS](#) or [SHA-256](#)
3. In your terminal window type one of the below and follow the instructions:

Python 3.5 version

GRAPHICAL INSTALLER (407M)

COMMAND-LINE INSTALLER (349M)

64-Bit

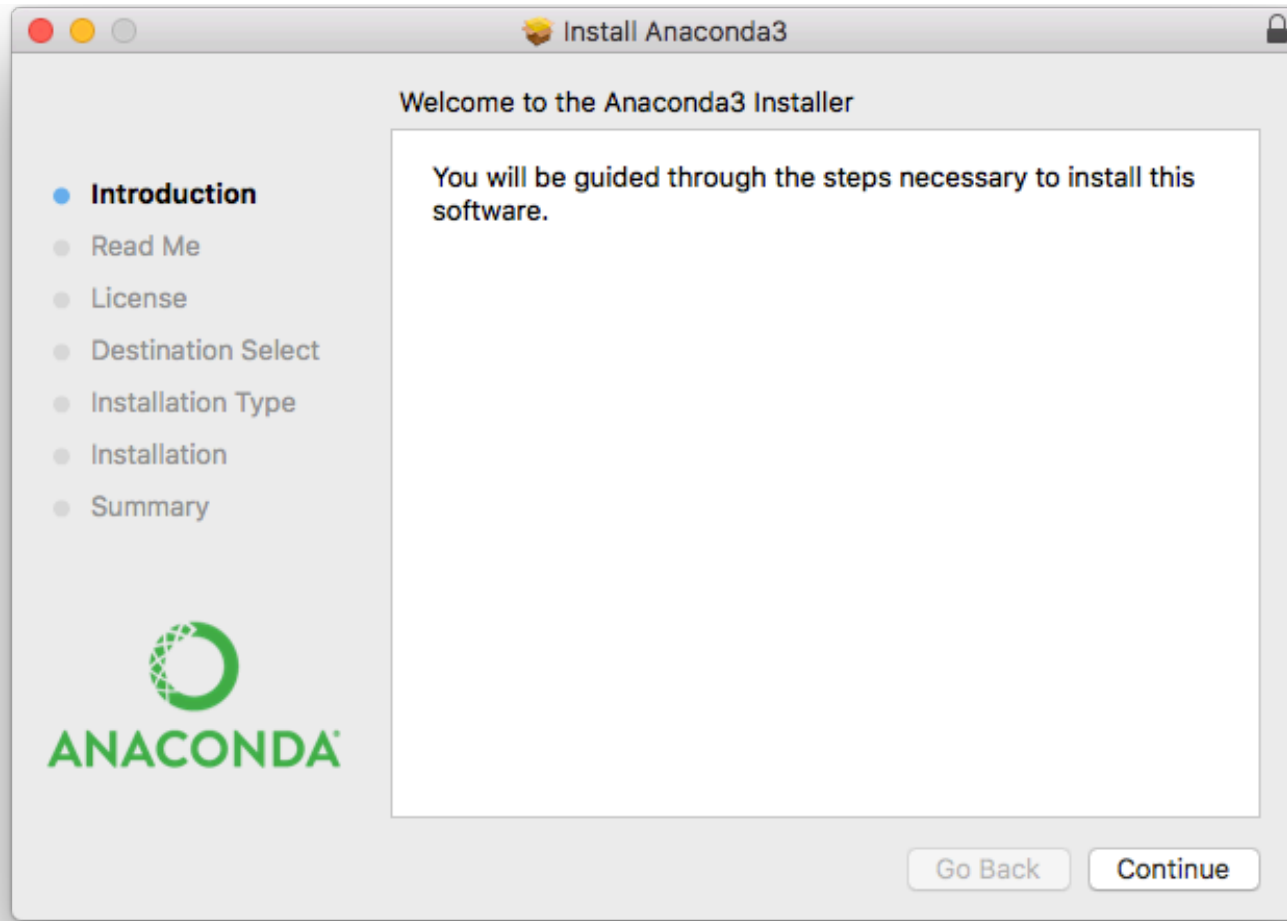
Python 2.7 version

GRAPHICAL INSTALLER (403M)

COMMAND-LINE INSTALLER (346M)

64-Bit

# Install Anaconda



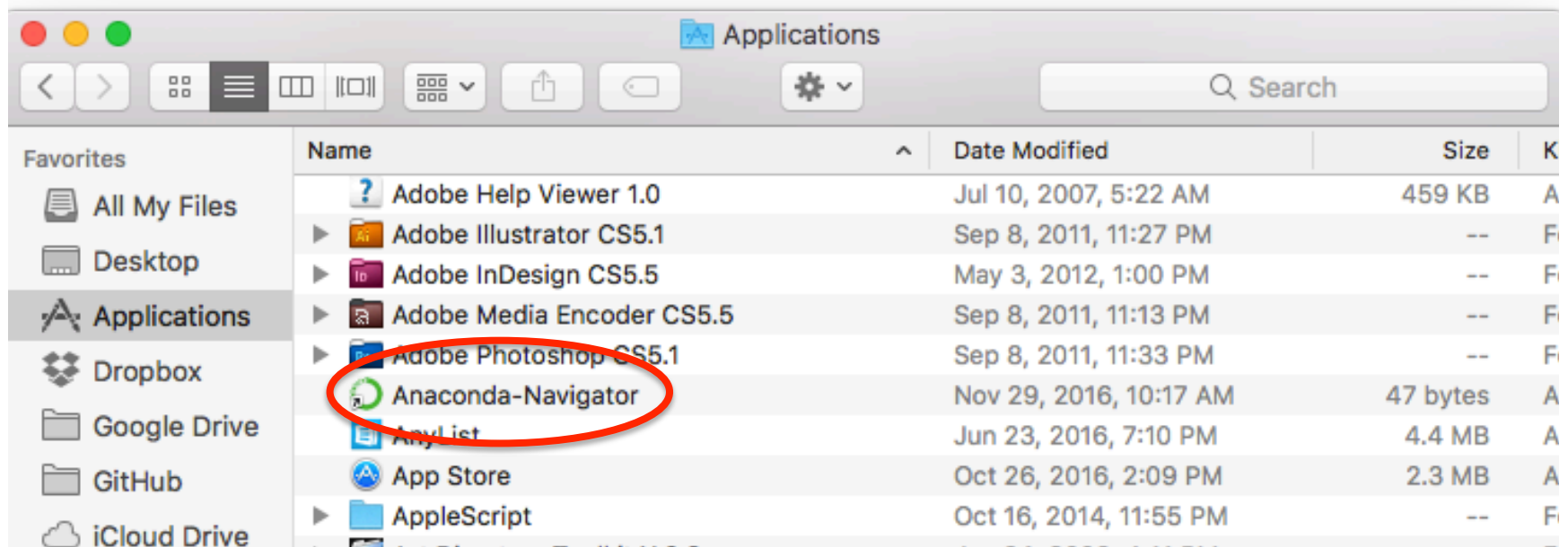
# Download GitHub Repository

[https://github.com/BeniamG/Text\\_Analysis\\_Fundamentals\\_3session](https://github.com/BeniamG/Text_Analysis_Fundamentals_3session)

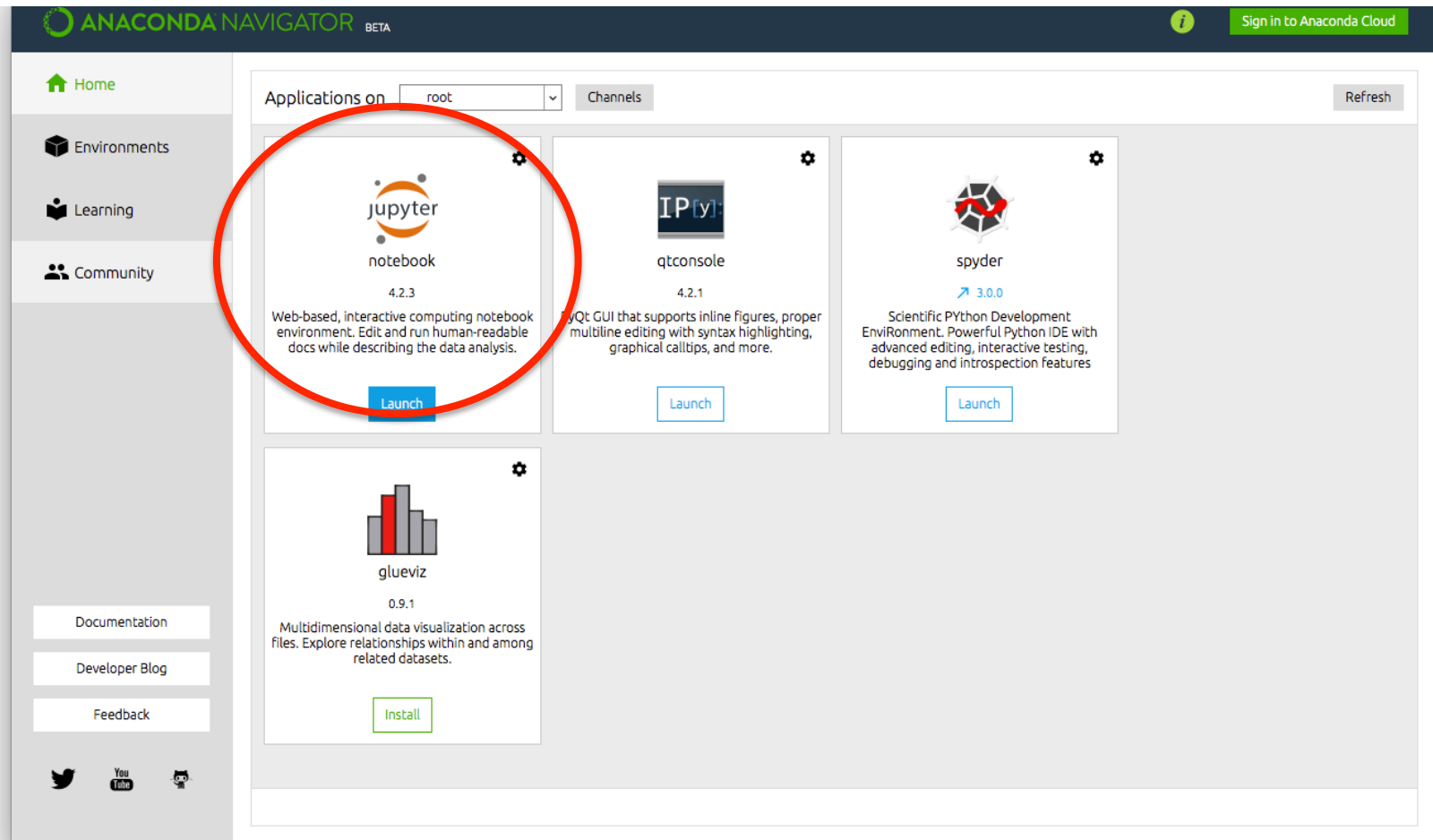
The screenshot shows the GitHub interface for the repository 'Text\_Analysis\_Fundamentals\_3session' by user 'BeniamG'. The repository has 2 watchers, 0 stars, and 0 forks. The 'Code' tab is selected, showing 16 commits, 1 branch, 0 releases, and 1 contributor. A red circle highlights the 'Clone or download' button. Below this, a commit history table is visible.

Commit Message	Time Ago
Ben Gebre-Medhin More changes to the iPython notebook.	Latest commit befff57 2 days ago
00-Resources added the annotated bibliography from the Nelson-Roland Workshop	4 days ago
01-Methods-and-Approaches tried to remove .DS_Store files again	4 days ago
02-Basic-Tools-and-Techniques More changes to the iPython notebook.	2 days ago
03-Unsupervised-Approaches Created final file	4 days ago
.gitignore added git ignore for .DS_Store files	4 days ago
README.md Edited the date	4 days ago

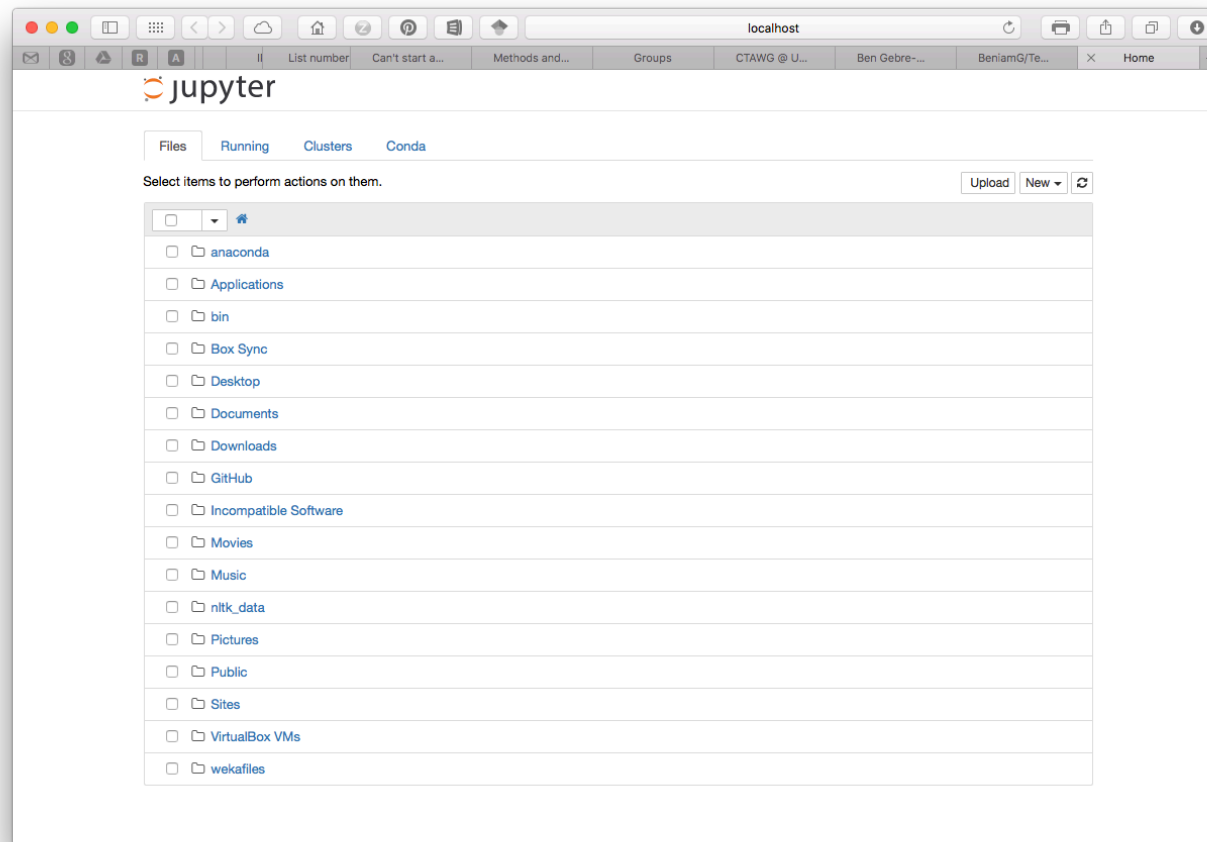
# Launch Anaconda-Navigator



# Launch jupyter



# Lunch “Intro to Python.ipynb”





# Run “Installation Check.ipynb”

Within GitHub Repository: Text\_Analysis\_Fundamentals\_3session/00-Resources/Installation Check.ipynb

