

# GitHub & IPython Notebook

7/8/2015

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# Download and install Anaconda

<https://store.continuum.io/cshop/anaconda/>



The screenshot shows the Anaconda website in a Google Chrome browser. The page features the Continuum Analytics logo and a navigation bar with links to Home, Products, Consulting, Training, Company, and Contact Us. The main heading is "Anaconda", followed by a description: "Completely free enterprise-ready Python distribution for large-scale data processing, predictive analytics, and scientific computing". A list of features highlights the availability of 330+ Python packages, cross-platform support, and ease of installation. A "Download Anaconda" button is prominently displayed, with a note that the full version is completely free. Below this, the "Anaconda Add-Ons" section lists Accelerate, IOPro, and MKL Optimizations, each with a price and a "Free Trial" button. The "Anaconda Server" section offers a "Learn More" button. A "How Can We Help?" section provides contact information for support. The footer includes a "Support" section with a link to the Anaconda mailing list.

Anaconda Scientific Python Distribution - Google Chrome

Continuum Analytics Inc [US] <https://store.continuum.io/cshop/anaconda/>

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## Anaconda

Completely free enterprise-ready Python distribution for large-scale data processing, predictive analytics, and scientific computing

- 330+ of the most popular Python packages for science, math, engineering, data analysis
- Completely free - including for commercial use and even redistribution
- Cross platform on Linux, Windows, Mac
- Installs into a single directory and doesn't affect other Python installations on your system. Doesn't require root or local administrator privileges
- Stay up-to-date by easily updating packages from our free, online repository
- Easily switch between Python 2.6, 2.7, 3.3, 3.4, and experiment with multiple versions of libraries, using our conda package manager and its great support for virtual environments
- Comes with tools to connect and integrate with Excel

**Download Anaconda**

Full Version is Completely Free



## Anaconda

**Anaconda Add-Ons**

Accelerate	\$499.00	Free Trial
IOPro	\$199.00	Free Trial
MKL Optimizations	\$99.00	Free Trial

All Products are Free for Academic Use

**Anaconda Server**

Manage the deployment of Python, R, and internal packages behind firewalls and proxies

Learn More

**How Can We Help?**

For questions about Anaconda or any of our products and services, [contact us](#).

**Support**

Free support for Anaconda is available through the [Anaconda mailing list](#)

**Why Are We Just Giving This Away?**

- We want to ensure that Python, NumPy, SciPy, Pandas, IPython, Matplotlib, Numba, Blaze, Bokeh, and other great Python data analysis tools can be used everywhere.
- We want to make it easier for Python evangelists and teachers to promote the use of Python.
- We want to give back to the Python community that we love being a part of.

**But all of this takes hard work and resources!**

Help us out -- Check out our [products](#), sign up for our [virtual and on-site courses](#), and [contact us](#) about doing a data science or SciPy/NumPy consulting project!

**Using Anaconda in a professional environment?**

Check out [Anaconda Server](#) to take control of the deployment and management of Python, R, and internal packages behind your firewall and proxy. Integration tools and install support included.

**Download Anaconda**

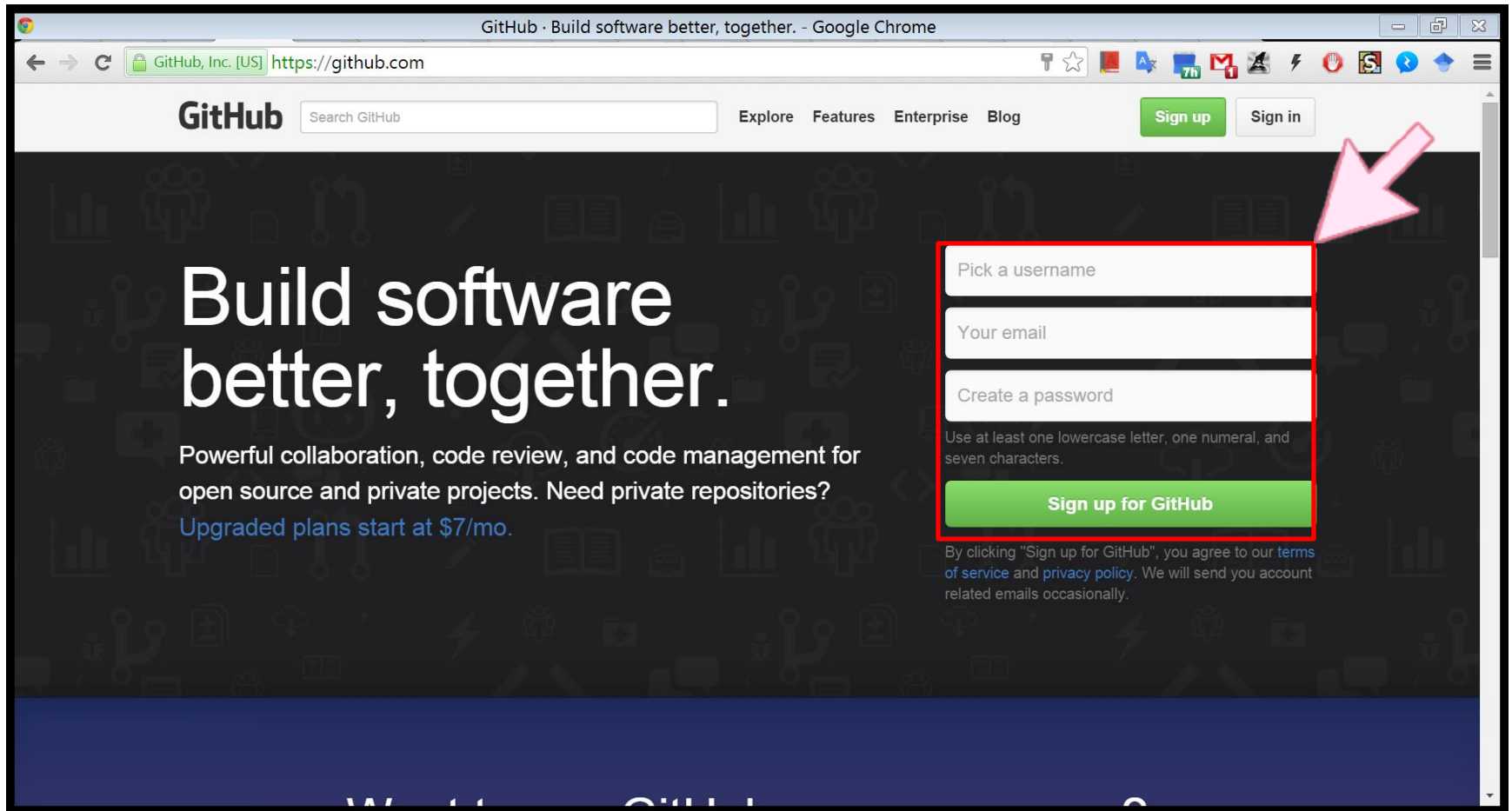
Please note: Anaconda comes with installers for Python 2.7 and 3.4. Python 2.6 and 3.3 are available through the [conda](#) command.

[Get Started with the Anaconda Quick Start Guide \[pdf\]](#)

**Features**

<b>System Integration</b> <ul style="list-style-type: none"><li>Installs cleanly into a single directory</li><li>Doesn't require root or local admin privileges</li><li>Doesn't affect other Python installs on your system, or interfere with OS X Frameworks</li></ul>	<b>Supported Platforms**</b> <ul style="list-style-type: none"><li>Linux: 64-bit and 32-bit</li><li>Windows: 64-bit and 32-bit</li><li>Mac OS X: Intel 64-bit</li></ul>
<b>conda Python Package Manager</b>	<b>IOPro - \$199.00</b>

# Sign up an account on GitHub



The image shows a screenshot of the GitHub homepage in a Google Chrome browser. The browser's address bar shows the URL <https://github.com>. The GitHub logo is in the top left, and navigation links for Explore, Features, Enterprise, and Blog are in the top center. On the top right, there are buttons for "Sign up" and "Sign in".

The main content area has a dark background with the text "Build software better, together." in large white letters. Below this, it says "Powerful collaboration, code review, and code management for open source and private projects. Need private repositories? Upgraded plans start at \$7/mo.".

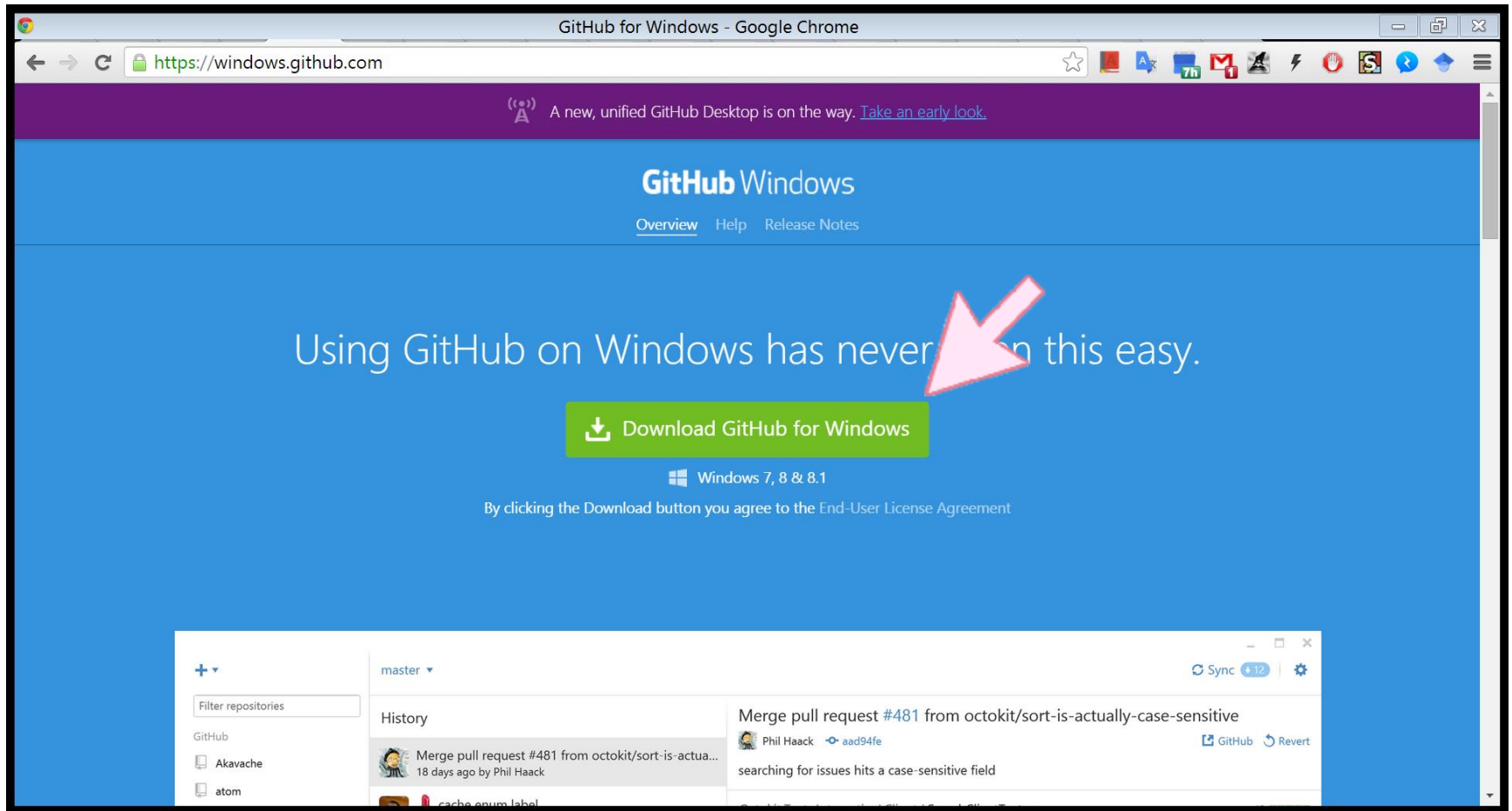
A sign-up form is highlighted with a red rectangular border. A pink arrow points from the top right towards the form. The form contains the following fields and elements:

- Pick a username
- Your email
- Create a password
- Use at least one lowercase letter, one numeral, and seven characters.
- 

Below the form, there is a line of text: "By clicking 'Sign up for GitHub', you agree to our [terms of service](#) and [privacy policy](#). We will send you account related emails occasionally."

# Get GitHub Windows Client

<https://windows.github.com/>



# Clone this repo to your desktop

<https://github.com/choyichen/pandas-cookbook>

choyichen/pandas-cookbook - Google Chrome

GitHub, Inc. [US] <https://github.com/choyichen/pandas-cookbook>

This repository Search Pull requests Issues Gist

choyichen / pandas-cookbook  
forked from jvns/pandas-cookbook

Unwatch 1 Star 0 Fork 320

Recipes for using Python's pandas library — Edit

101 commits 2 branches 2 releases 11 contributors

branch: master pandas-cookbook / +

This branch is even with jvns:master Pull Request Compare

need ipython >= 3.0

jvns authored on Apr 5 latest commit 826dab3989

cookbook	Fix SettingWithCopyWarning	3 months ago
data	Add missing .sqlite database. Oops.	a year ago
.gitignore	Add .gitignore	2 years ago
README.md	need ipython >= 3.0	3 months ago

README.md

## Pandas cookbook

Code

Pull requests 0

Wiki

Pulse

Graphs

Settings

HTTPS clone URL

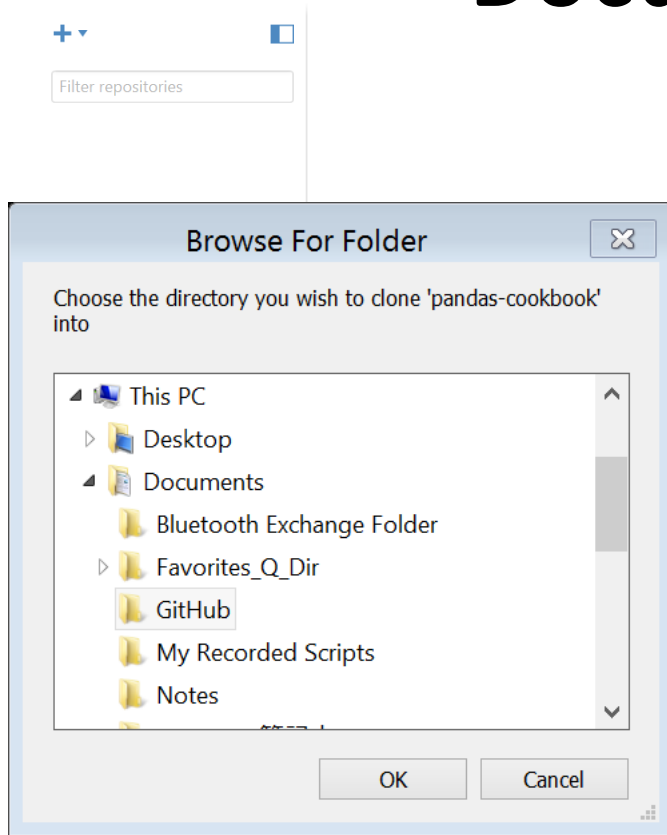
<https://github.com/c>

You can clone with HTTPS, SSH, or Subversion

**Clone in Desktop**

Download ZIP

# By default, all the repos will be saved under your home directory: Documents/GitHub

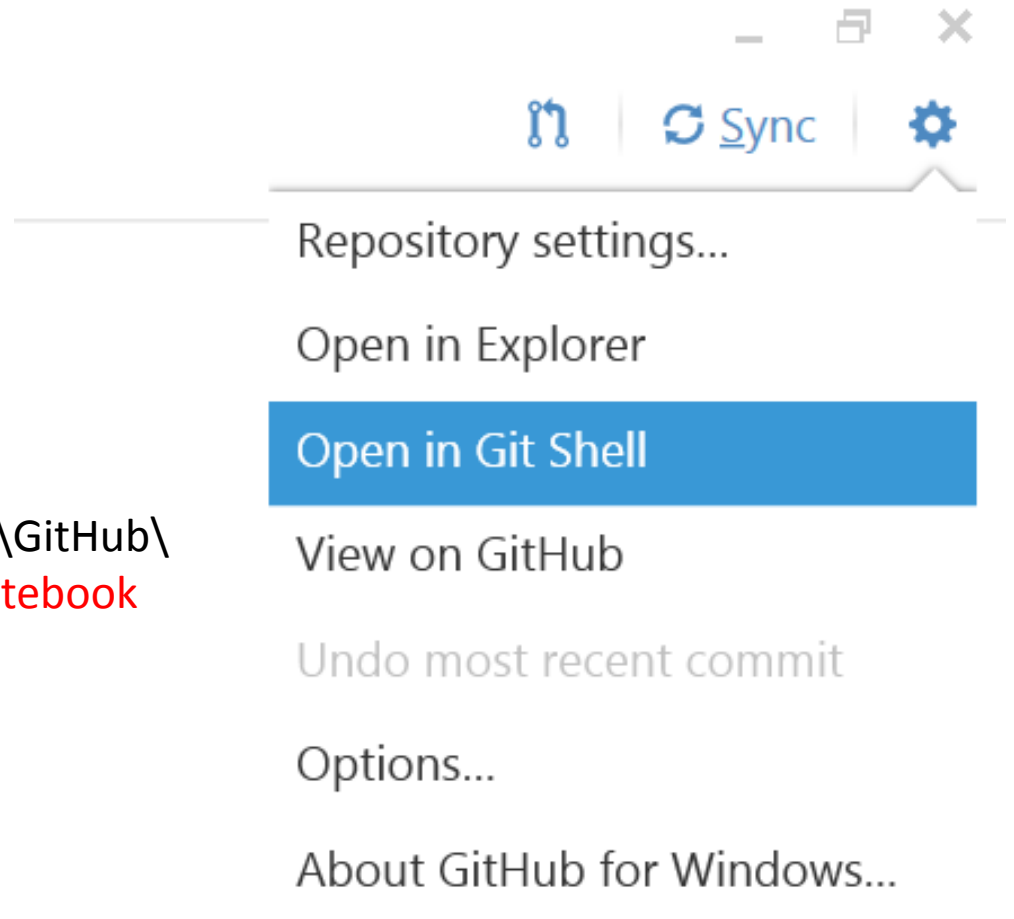


Get started by adding a repository.

# Open up the menu at the upper right

## Start the shell and launch ipython notebook

```
C:\Users\your_name_here\Documents\GitHub\  
pandas-cookbook [master]> ipython notebook
```



# Go through all the cookbooks (to Chapter 6) by Friday

