Introduction to IPython and Pandas, Part I

Overview

In this course, we will introduce you to the IPython Notebook interface. A notebook is a very powerful way to work in Python without the need for a command line interface. More than just being a friendlier interface, a notebook lets you quickly develop code a piece at a time in semi-isolated cells.

Additionally, we will introduce you to working with Pandas data structures which are designed to represent tabular data and provide functionality similar to R data frames.

Class Resources

The notebook server is no longer running, however the slides are available below.

ipython_pandas_part1.tgz

Before You Go

Please take a moment to tell us what you thought with our short course survey.

Using IPython on Your Own

You are welcome to install IPython and Pandas on your own laptop and use that for the class. However due to time constraints, we cannot guarantee our ability to support individual users in this way.

When you want to start working on your own machine, the Anaconda distribution provides a nice all-in-one Python installer that also sets up IPython, Pandas, SciPy, NumPy and many other useful scientific/analytic packages.