

Topic Outline: Data Input (Packages and Pandas)

Revised: January 28, 2016

Materials

- Today's handouts: this outline, code, book chapter, code practice, red/green stickers
- All posted on *Topic list & links* page of website (except the stickers).

Preliminaries

- Tools and buzzwords
 - Package, import, Pandas, csv file, dataframe, series, index, API.
- **Review**
 - 1.
- Reminders
 - Objects and methods
 - Help
 - Dictionaries
 - Number types
 - Function returns
- **Exercise**
 - Put red sticker on your laptop
 - ??
 - Replace red sticker with green when you're set

Python fundamentals 2

We'll follow the book chapter.

- Packages
- Import statements
- Reading spreadsheet-like files from the internet
- Dataframes
- Variables

- Dataframe methods
- Reading files from your computer
- Examples
- APIs
- **Review**
 - Put red sticker on, replace with green when done

After class

- Required
 - Code Practice #2 (should take about an hour)
- Recommended
 - **Write:** Right after class, write down everything you remember without using your notes
 - **Review:** Reread the chapter and fill in anything you missed.