1.Data munging

In this challenge, you'll practice the command line concepts you've learned so far by munging datasets using just the command line. [Data munging](https://en.wikipedia.org/wiki/Data_wrangling) involves transforming datasets to make them easier to work with. Some datasets are too large to load into Python, so looking at them or transforming them beforehand can be useful. Even for smaller datasets, simple exploration on the command line is faster than exploration in Python, and file-based tasks like unifying datasets can be faster on the command line.

You'll be interacting with datasets on U.S. housing affordability from the [U.S. Department of Housing & Urban Development](http://www.huduser.org/portal/datasets/hads/hads.html) in this challenge. To start things off, let's explore the datasets in the first few steps.

home/dq$ ls -la

total 6740

drwxr-xr-x 1 dq dq 4096 Oct 30 17:14 .

drwxr-xr-x 1 root root 4096 Jun 14 13:43 ..

-rw-rw-rw- 1 dq dq 4496 Oct 30 17:14 .bashrc

drwxr-xr-x 1 dq dq 4096 Jun 14 13:43 .byobu

drwxr-xr-x 1 dq dq 4096 Jun 14 13:43 .cache

drwxr-xr-x 1 dq dq 4096 Jun 14 13:43 .config

-rw-r--r-- 1 dq dq 25 Jun 14 13:43 .gitconfig

-rwxr-xr-x 1 dq dq 2051577 Oct 30 17:14 Hud\_2005.csv

-rwxr-xr-x 1 dq dq 1874334 Oct 30 17:14 Hud\_2007.csv

-rwxr-xr-x 1 dq dq 2902856 Oct 30 17:14 Hud\_2013.csv

drwxr-xr-x 1 dq dq 4096 Oct 30 17:14 .ipython

drwxr-xr-x 2 dq dq 4096 Jun 14 13:43 .jupyter

drwx------ 3 dq dq 4096 Jun 14 13:43 .local

-rw-rw-rw- 1 dq dq 17 Jun 14 13:03 .tmux.conf