So far, we've been using the default command line tools to clean, munge, and explore data. Tools like wc and head are useful tools, but weren't designed specifically for working with datasets and are limited in many ways. These tools lack features specific to working with tabular datasets, like parsing the header row or understanding the row and column layout. Because of this, in the [Data Munging Using the Command Line challenge](https://www.dataquest.io/mission/198), you had to specifically compute the number of lines in each CSV file using the wc tool and use that number to select just the non-header rows using the tail tool. You then had to repeat this for each CSV file you were trying to merge into the resulting, single file!

In this mission, we'll learn about the Csvkit library, which supercharges your workflow by adding 13 new command line tools specifically for working with CSV files. We'll focus on these 5 tools from Csvkit:

* **csvstack**: for stacking rows from multiple CSV files.
* **csvlook**: renders CSV in pretty table format.
* **csvcut**: for selecting specific columns from a CSV file.
* **csvstat**: for calculating descriptive statistics for some or all columns.
* **csvgrep**: for filtering tabular data using specific criteria.

We'll be using csvkit version 0.9.1 in this mission and you can read about the installation procedure in the [documentation](https://csvkit.readthedocs.io/en/0.9.1/install.html). We'll continue to work with the same 3 datasets on housing affordability:

* Hud\_2005.csv,
* Hud\_2007.csv,
* Hud\_2013.csv.