**Data Preparation and Cleaning**

1. Import the libraries you need to work with DataFrames
2. Read in badly formatted currency data

* Examine the csv file ***../Data/USD\_CNY.csv*** and notice how badly formatted it is.
* Using the csv file ***../Data/USD\_CNY.csv***, load the data in and format it as follows
* Make the Date Column the index
* Change the format of the Price, Open, High and Low columns so that they are numeric and also do not have any currency symbols or commas ($ and , are to be removed).
* Remove the % symbol from the Change column and make this numeric so that 2.35% is represented by the value 2.35 (not 0.025)
* Check for nulls and replace these with the preceding value.

1. Test your changes by performing some simple checks

* Use dtypes to view the data type of each column
* Filter each column of isnull() and ensure nothing is returned