**Lesson summary**

**To read multiple stocks into a single dataframe, you need to:**

* Specify a set of dates using [**pandas.date\_range**](http://pandas.pydata.org/pandas-docs/stable/generated/pandas.date_range.html)
* Create an empty dataframe with dates as index
  + This helps align stock data and orders it by trading date
* Read in a reference stock (here SPY) and drop non-trading days using [**pandas.DataFrame.dropna**](http://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.html)
* Incrementally join dataframes using [**pandas.DataFrame.join**](http://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.join.html)

**Once you have multiple stocks, you can:**

* Select a subset of stocks by ticker symbols
* Slice by row (dates) and column (symbols)
* Plot multiple stocks at once (still using [**pandas.DataFrame.plot**](http://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.plot.html))
* Carry out arithmetic operations across stocks, e.g. normalize by the first day's price