# Introduction to Pandas:

* Pandas is an open source library built on top of NumPy, which is why we learn NumPy first.
* It allows for fast analysis and data cleaning and preparation. Lot of people call it Python’s version of Excel or Python’s version of R’s dataframes.
* It excels in performance and productivity.
* It also has built-in data visualization features.
* It can work with data from a wide variety of sources.
* You’ll need to install pandas by going to your command line or terminal and use either:
  + conda install pandas
  + pip install pandas
* We’ll look into these topics with Pandas dataframes:
  + Series
  + DataFrames
  + Missing Data
  + GroupBy
  + Merging, Joining, and Concatenating
  + Operations
  + Data Input and Output