[What is the difference between Pandas series and Python lists?](https://discuss.analyticsvidhya.com/t/what-is-the-difference-between-pandas-series-and-python-lists/27373)

1. Series and Lists: **Series index vs List index, Series like a Dictionary, Series like a vector**
2. **Creating data frame from a dictionary of lists, and Creating data frame from a list of dictionaries**

[Data Structures in Python](http://www.grapenthin.org/teaching/geop501/lectures/lecture_06_data_structures.pdf) (slides)

[Practical Business Python](http://pbpython.com/pandas-list-dict.html)

# [**Creating Pandas DataFrames from Lists and Dictionaries**](http://pbpython.com/pandas-list-dict.html)

[Learn Python - Excellent Site](https://thispointer.com/learn-python/)

[The Pandas DataFrame – loading, editing, and viewing data in Python](https://www.shanelynn.ie/using-pandas-dataframe-creating-editing-viewing-data-in-python/)

[Python Pandas Tutorial](http://www.datasciencemadesimple.com/drop-delete-rows-conditions-python-pandas/)

[pathlib — Object-oriented filesystem paths](https://docs.python.org/3/library/pathlib.html)

[Python for Everybody](http://do1.dr-chuck.com/pythonlearn/EN_us/pythonlearn.pdf)

[Learning Python](https://www.learnpython.org/)

[Python Basic Tutorial](https://www.tutorialspoint.com/python)

[Python Example Datasets](https://stackoverflow.com/questions/16579407/are-there-any-example-data-sets-for-python)

[Python Pandas read\_csv – Load Data from CSV Files](https://www.shanelynn.ie/python-pandas-read_csv-load-data-from-csv-files/) (Excellent Resources)

[How To Read a CSV File as Pandas Data Frame?](http://cmdlinetips.com/2018/01/7-tips-to-read-a-csv-file-as-pandas-data-frame/)

[Using Pandas to Read Large Excel Files in Python](https://realpython.com/working-with-large-excel-files-in-pandas/#reading-the-file)

[How To Load Machine Learning Data in Python](https://machinelearningmastery.com/load-machine-learning-data-python/)

[Archived data](https://archive.ics.uci.edu/ml/machine-learning-databases/housing/housing.data)

[Dataset loading utilities](https://scikit-learn.org/stable/datasets/index.html)

[Python stubs](https://www.jetbrains.com/help/pycharm/type-hinting-in-product.html)

[Python for Data Analysis](https://www.bu.edu/tech/files/2017/09/Python-for-Data-Analysis.pdf)

[Creating and Running Your First Python Project](https://www.jetbrains.com/help/pycharm/creating-and-running-your-first-python-project.html)

[Hands-on Machine Learning with Python: Classification and Regression](https://www.safaribooksonline.com/live-training/courses/hands-on-machine-learning-with-python-classification-and-regression/0636920156147/)

[Python from Scratch](https://medium.com/fintechexplained/from-python-installation-to-arima-exchange-rates-forecasting-9467ba03ee0c)

Python vs. SAS

[Why SAS Programmers Should Learn Python Too](https://www.pharmasug.org/proceedings/2018/AD/PharmaSUG-2018-AD12.pdf)

[Code Comparison: SAS vs. Python Pandas](https://pandas.pydata.org/pandas-docs/stable/comparison_with_sas.html) (Excellent Resources)

[The Monty Hall Paradox - SAS vs. Python, 2016](https://blogs.sas.com/content/sgf/2016/10/12/the-monty-hall-paradox-sas-vs-python/)

[Python Pandas vs. SAS (Part 1)](http://www.richardafolabi.com/blog/python-pandas-vs-sas-head-to-head-data-analysis.html)

[Python Pandas vs. SAS (Part 2)](http://www.richardafolabi.com/blog/data-analysis/python-vs-sas-computing-summary-statistics-part-2.html)

[Python vs. SAS Vs R](https://mindmajix.com/python-vs-sas-vs-r)

[Python-SAS Code](https://stackoverflow.com/questions/50687403/simulate-new-rows-python-is-much-slower-than-sas-how-to-speed-up)

[SAS® and Python: The Perfect Partners in Crime](https://amadeus.co.uk/assets/Documents/White-Papers/SAS-and-Python-Perfect-Partners-in-Crime.pdf)

[SAS(R) vs. Python](http://www.scsug.org/wp-content/uploads/2017/10/db55.pdf)

[Data Visualization by Python using SAS dataset: Data from Pandas to Matplotlib](https://www.pharmasug.org/proceedings/tokyo2018/posters/PharmaSUG-Tokyo-2018-PO03.pdf)

[Utilization of Python in clinical study by SASPy](https://www.lexjansen.com/phuse/2018/tt/TT10_ppt.pdf)

[Working with sas program files in SASPy (Example)](https://www.reddit.com/r/sas/comments/8gk294/working_with_sas_program_files_in_saspy/)

[Everything is better with friends: Executing SAS code in Python scripts with SASPy](http://wuss18.org/hands-on-workshops/)

[Revolutionizing Statistical Computing in SAS®](https://support.sas.com/resources/papers/proceedings17/0838-2017.pdf)