

When it comes to data science, it's no exaggeration to say that you can transform the way your business works by using it to its full potential with pandas DataFrame. To do that, you'll need the right data structures. These will help you be as efficient as possible while you're manipulating and analyzing data.

One of the most useful data structures you can use for this purpose is pandas DataFrame.

pandas is an open-source library written for the Python programming language which provides fast and adaptable data structures and data analysis tools. Wes McKinney originally wrote this easy-to-use data manipulation tool. It's built on the NumPy package, and its key data structure is called the DataFrame.