

Python data processing, uses data that is structured. This data can be structured into tabular/spreadsheet, spaced over time, as a multidimensional array, or separated into tables with each column acting as a specific variable. There are many more forms besides the ones listed above.

Python can be used for data analysis because of its robustness as a programming language as well as its ability to handle the large data sets. However, it can be slower than other languages like C++ or java because it is an interpreted language. There are other things that make it less than ideal, such as its difficulty to multithread, but many of these are counteracted by the ease with which python can be used.

There are also many libraries available to Python. These libraries provide increased functionality and ease of use. These include packages for handling multidimensional mathematics, plot and graph making, and even mathematical operations such as integration.