Abstract

Python is an interpreted object-oriented programming language which is gaining popularity in the field of data science and analytics by creating complex software applications. Python has a very large and robust standard library, which is used for analyzing and visualizing data. Data scientists have to deal with huge amounts of data known as big data. With simple usage and a large set of Python libraries, Python has become a popular option to handle big data. Python builds better analytics tools that can help data scientists in developing machine learning models, web services, data mining, classification, etc. In this paper, we will review various tools that are used by Python programmers for efficient data analytics and its scope and comparison with other languages.

References

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Index Terms

Computer Science          Information Sciences

Keywords

Machine learning, data science, big data