Abstract

Python is a interpreted object oriented programming language which gaining popularity in field of data science and analytics by creating complex software applications. Python has very large and robust standard libraries which are used for analyzing and visualizing the data. Data scientists have to deal with huge amount 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 which can help data scientist in developing machine learning models, web services, data mining, classification etc. In this paper we will review various tools which are used by python programmers for efficient data analytics and its scope and comparison with other languages.

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Index Terms

Computer Science Information Sciences

Keywords

Machine learning, data science, big data