Python and Its Future Scope

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Abstract: *Python is an advanced programming language designed by Guido van Rossum, Dutch editor. Generally, "python programming language is widely used in web development, Application development, system management, game development etc. " But did you know that there is a technology for the future who rely on an anaconda? In fact, Python has become the dominant language to the success of these technology is concerned. Let's dive into technology that uses python as a core research, production and other developments.*

Artificial Intelligence (AI), Big Data, Network

The future scope of the Python programming language too it depends on its competitors in the IT market. But, because the fact that it has become the language of the future technologies such as artificial intelligence, big data, etc., it will certainly go up and be able to overcome it rivals.

Tiobe Index, PYPL index, Dismiss

The top three Python competitors in India are listed below and their market shares and now websites.

1.ASP.NET

Market Share- 39.53%, Current Webs- 41,052.

2.Java

Market Share - 4.03%, Current Websites 4,186.

3.C #

Market Share - 1.97%, Current 2,042 Websites

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REFERENCES

[1]. PyQt5 (library): https://pypi.org/project/PyQt5/

[2]. MySQLite3 (library): https://www.sqlite.org/index.html

[3]. Sys (library): https://docs.python.org/3/library/sys.html

[4]. Datetime (library): https://docs.python.org/3/library/datetime.html

[5]. Xlrd (library): https://pypi.org/project/xlrd/

[6]. Xlsxwriter (library): https://xlsxwriter.readthedocs.io/

[7]. Book: Head First Python: A Brain-Friendly Guide By Paul Barry

[8]. https://www.udemy.com/course/python-and-flask-only-demonstration-course/learn/lecture/22424894?start=0#overview

[9]. https://www.udemy.com/course/python-gui-programming-using-pyqt5/

[10]. https://eguru.9ledgepro.com/courses/MicrosoftPythonCertificationforMMCOE-4903

[11]. https://github.com/mrsingh47/Faculty_Management_System