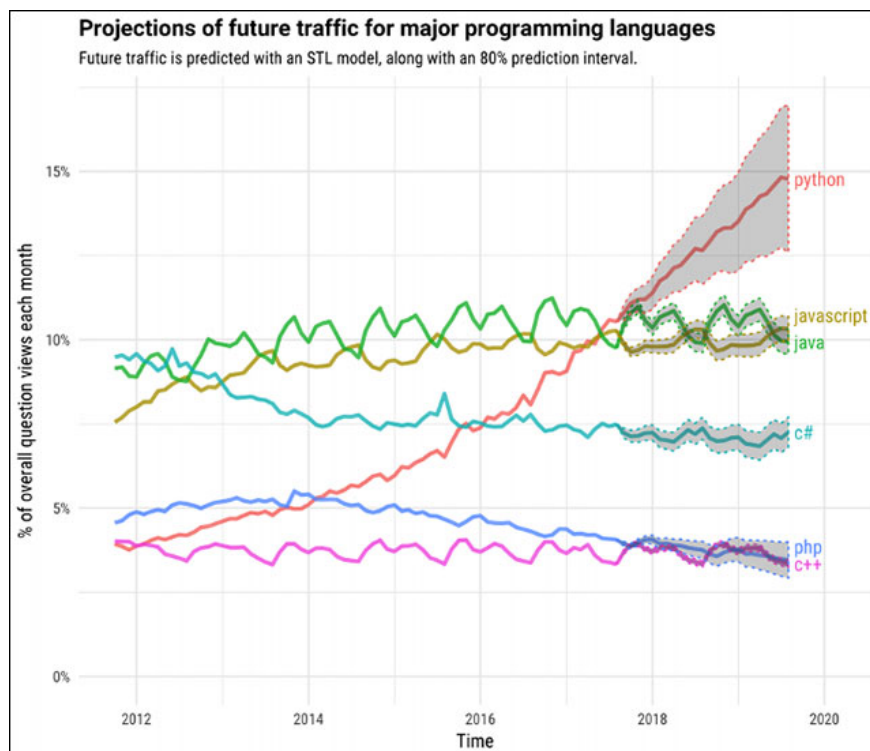


6 reasons why Python will become the programming language of the future

The reasons why you should choose Python for your programming future.

Choosing to study and use any programming language is always a headache for developers. Although there are still arguments about which language is 'king', should or should not learn any language. Although there is no exact answer, this article will give you reasons to learn Python, especially when this programming language is increasingly climbing higher on popular programming language rankings.

Python is very popular



Forecast of popular programming languages ??in the future

The popularity is not a useful measure and for many people, this does not make much sense. But Python is becoming more and more popular. Born in 1991, Python plays the role of successor to the ABC language. When Guido van Rossum created this language, he did not expect it to become so popular.

Python's success is not only due to the development of the code industry in recent years. According to Stack Overflow analysis, based on the amount of traffic of high-income countries, Python also has a noticeable rising position.

Large companies use Python

Uber, PayPal, Google, Facebook, Instagram, Dropbox, Netflix and Reddit all use Python for development and testing. Moreover, Python is also widely used in embedded systems and robots (even used to control Arduino). Older systems written in C or C++ are also easy to interact with Python.

Whenever data analysis is needed, Python and its library are also available. Goldman Sachs is one of many financial institutions that use Python to present their huge amount of data. This is a very powerful Python field and also increasingly applies machine learning.

Machine learning with Python

There's no denying the importance of machine learning in today's world. Artificial neural networks can do many things, from coordinating social networks to driving. This field is growing rapidly with lots of potential.

With libraries that can work in multiple languages, Python is very suitable for machine learning. Google's famous TensorFlow also primarily works with Python. Most neural network courses use Python. Python also handles data analysis very well.

Python is very supported

Due to growing popularity, Python is also well supported online. Python is a language that many new users use, so you can find many tutorials in many ways, from many basic to advanced levels.

Python is the language of education

Computer use in education has changed a lot in recent years. Previously students merely listened to lectures, now have many forms of learning, including programming.

Python is an easy-to-understand programming language, designed with familiar structure and description, prioritizes user experience, and is well-suited to teach children. It is also the standard language for the Raspberry Pi, a computer designed for educational purposes.

There is even a Minecraft version that teaches you Python. Not only children, universities also teach Python. Matplotlib uses Python to interpret complex data. Python is also one of Codecademy's fastest growing languages.

Python is completely free

Saying that Python for free initially doesn't seem to make much sense, no matter what language you use, it doesn't cost you anything.

But Python is free in that it is open source, there are still many Python projects led by Guido van Rossum. It is also fully compatible with Open Source and GPL. You may not be surprised, but open source software is changing the world and Python is a great tool for that.

See more:

1. Python moves forward in the ranking of popular programming languages
2. What is Python? Why choose Python?
3. If you want to be a data scientist, learn these 3 languages ??right away!

You finished reading the article "**6 reasons why Python will become the programming language of the future**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.