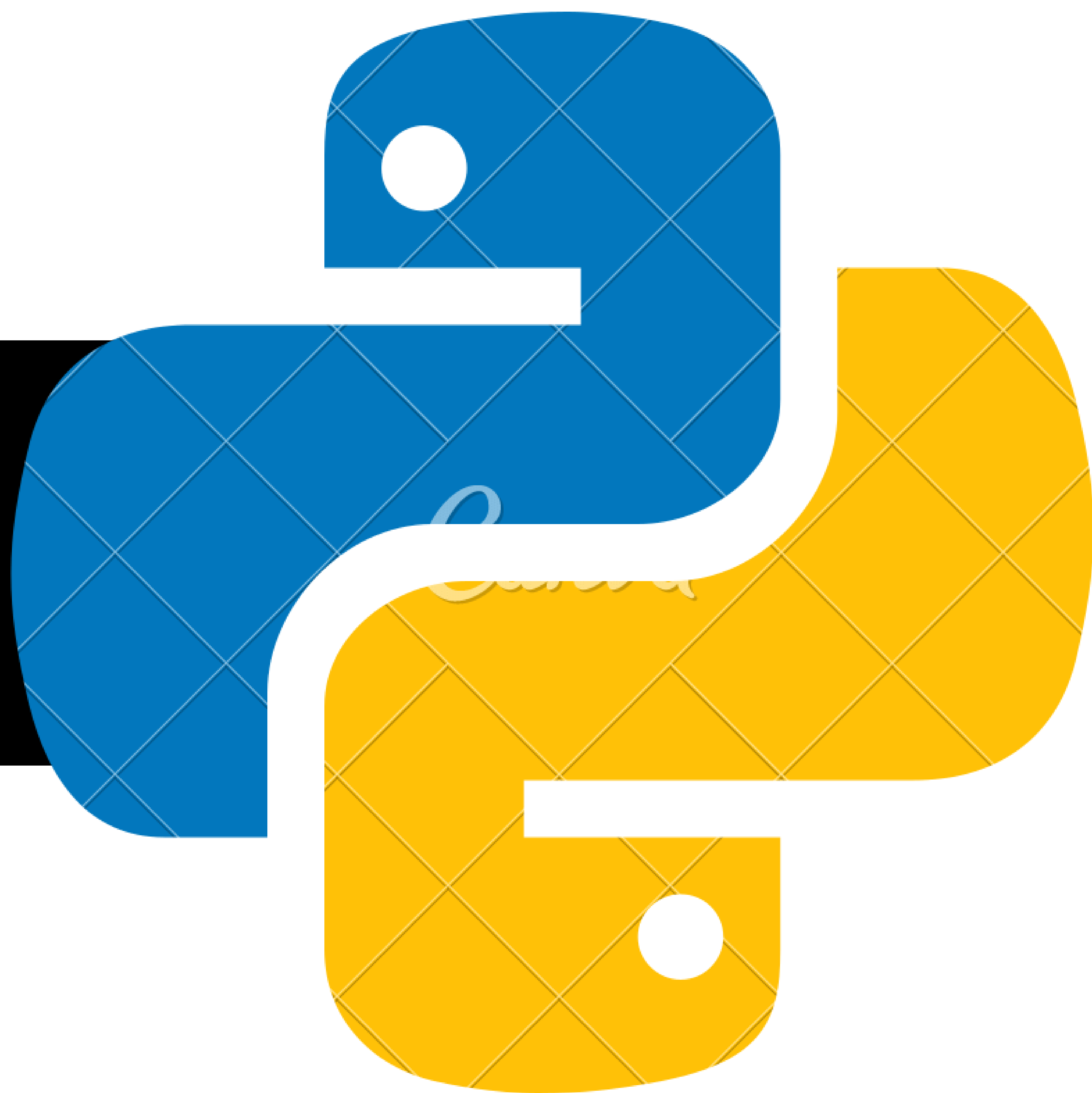




WHY

PYTHON



FOR

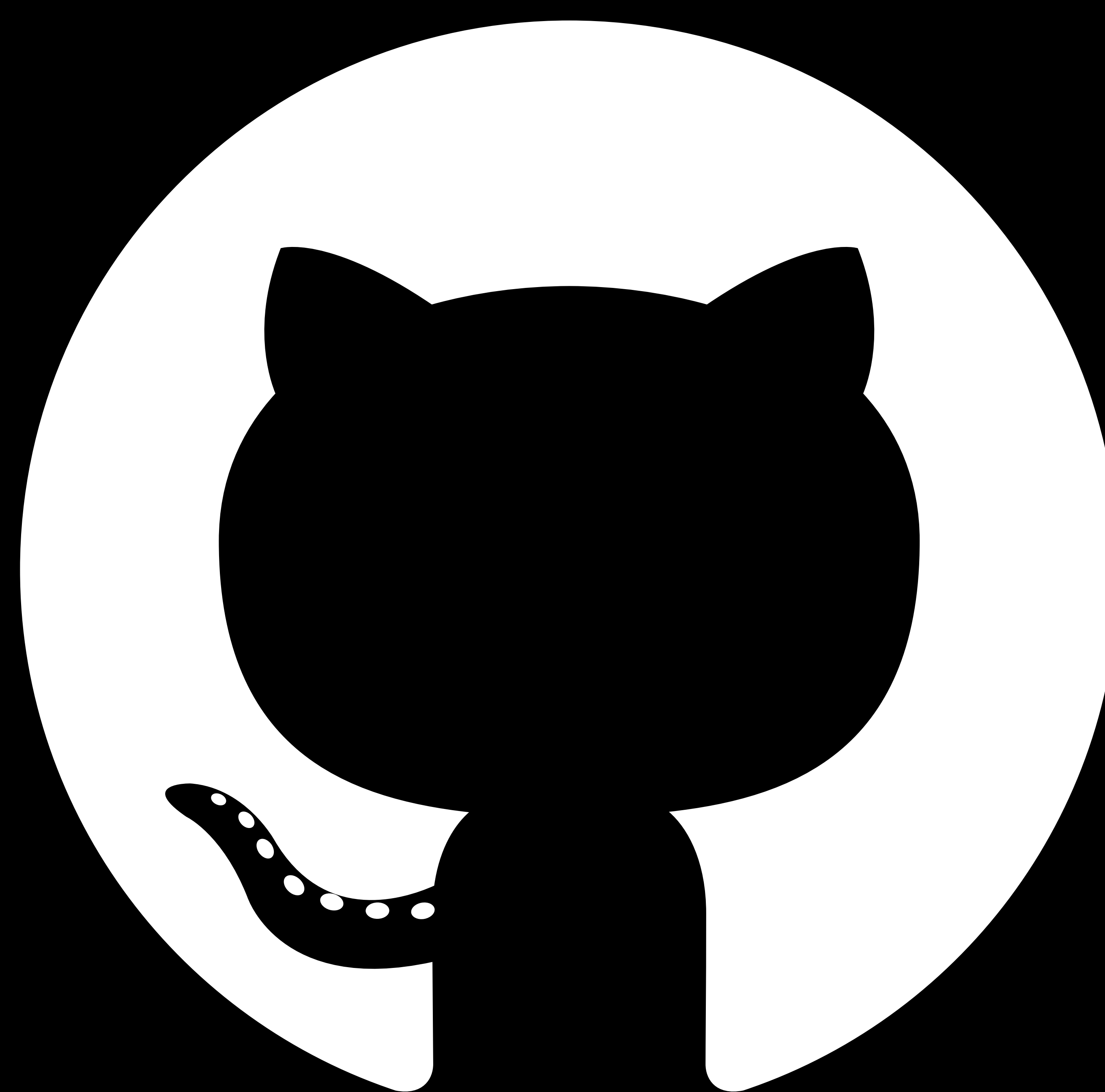
MACHINE

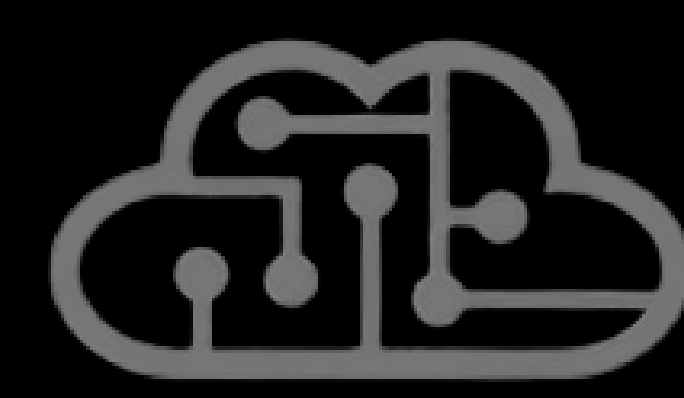
LEARNING

GitHub says Python is top

Machine Learning is currently one of the hottest topics in the industry and Python is the primary programming language used for much of the research and development in ML.

Python is the top programming language for Machine Learning according to Github.

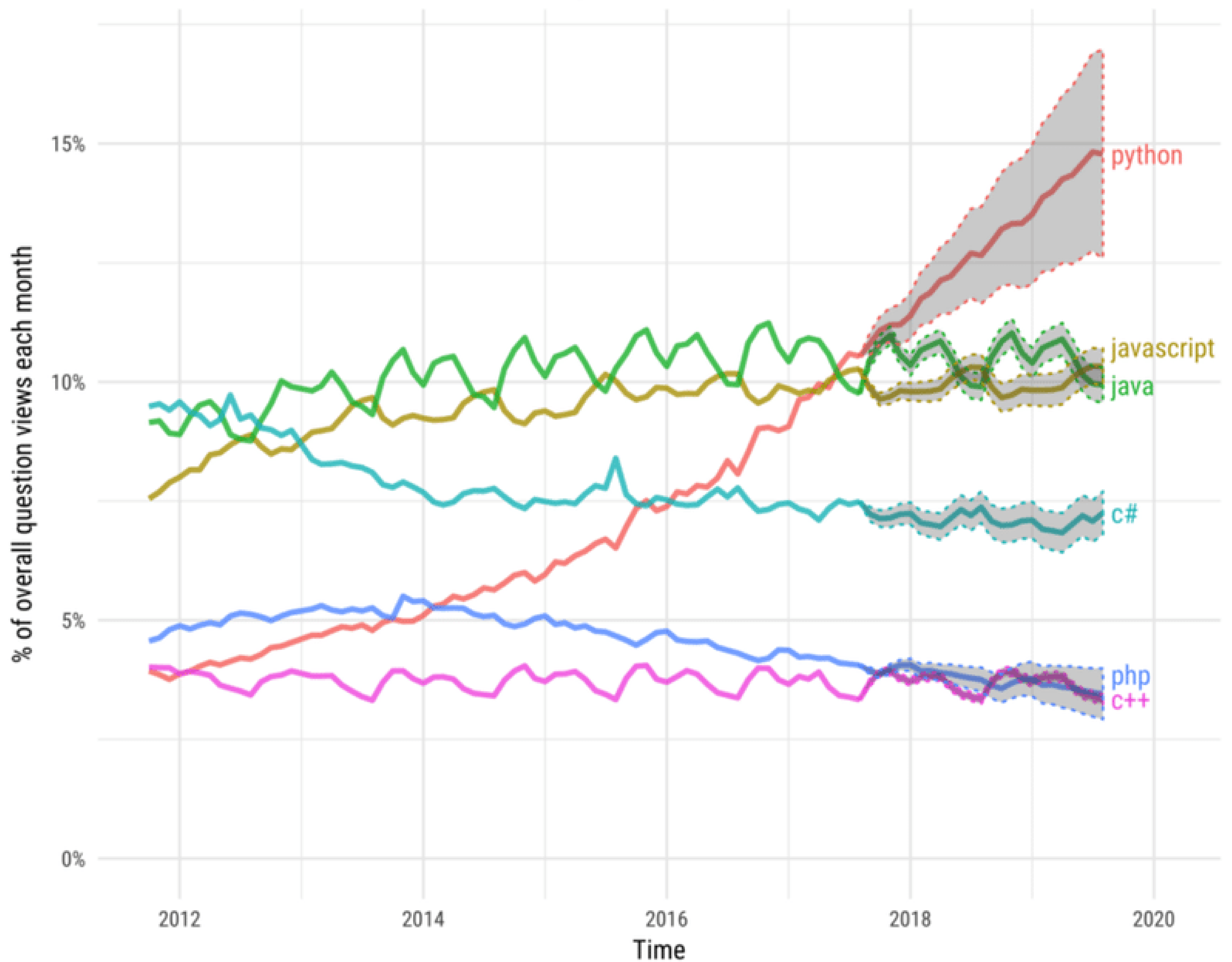




According to stackoverflow blog

Projections of future traffic for major programming languages

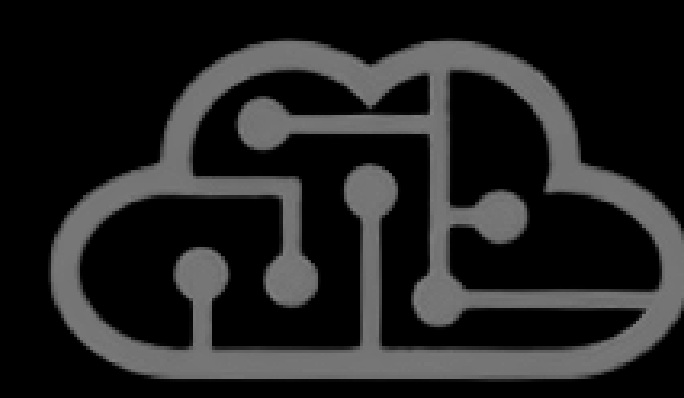
Future traffic is predicted with an STL model, along with an 80% prediction interval.



Reasons why Python is the preferred language for Machine Learning

These are the multiple reasons, check them out

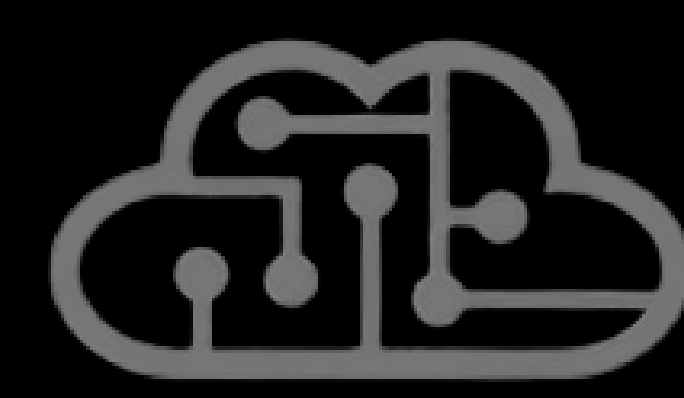




Python is easy to understand

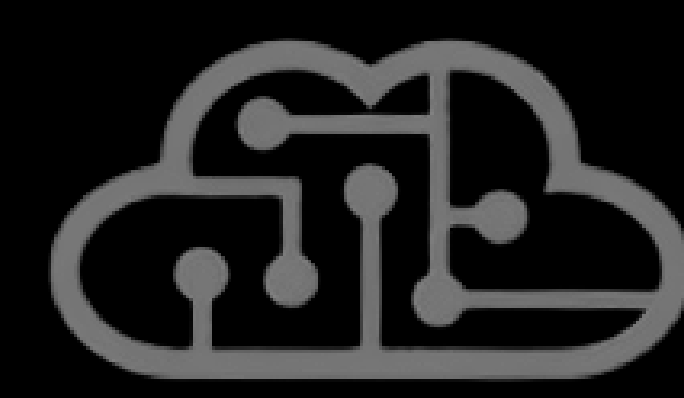
it is easy to understand and you can read it for yourself. Its readability, non-complexity, and the ability for fast prototyping make it a popular language. Python is also supremely efficient. It allows developers to complete more work using fewer lines of code.

Python can be implemented quickly which helps machine learning engineers to validate an idea promptly.



A great library ecosystem

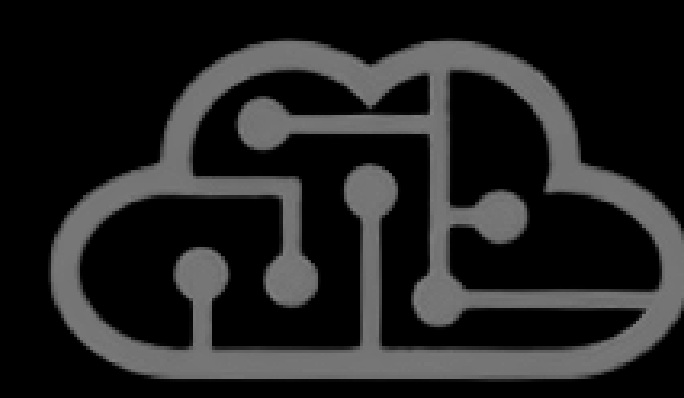
A great choice of libraries is one of the main reasons Python is the most popular programming language used for AI. It has hundreds of different libraries and frameworks that can be used by developers. These libraries and frameworks are really useful in saving time.



Flexible and Extensible

Developers can use Python along with another programming language to achieve their goals. They don't have to recompile the source code, any changes can be made instantly, which makes viewing results fast.

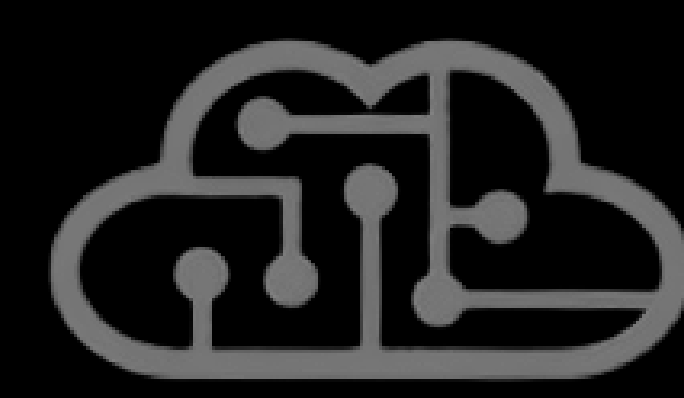
Also, many different platforms support Python such as Windows, Macintosh, Linux, Solaris, etc.



Community support

Python has a strong group of supporters and it's worth knowing that if you experience a problem there is someone out there who'll be able to offer you a helping hand. Python is an open-source language – this indicates there is a wide pool of resources that can be used by beginners and pros alike.

Python documentation is available online and a lot of frequently occurring issues are discussed in Python forums and communities.



Other AI programming languages

- R
- Scala
- Julia
- Java