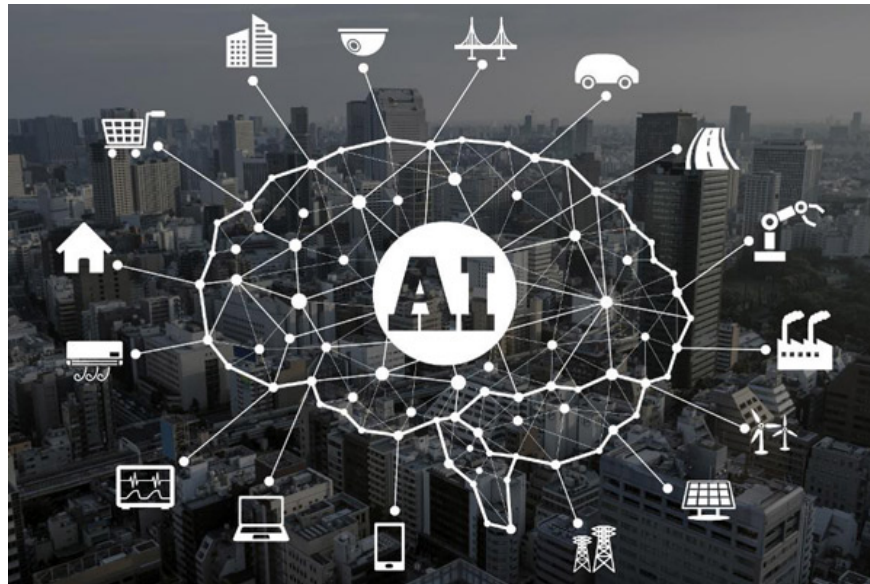


Top 5 programming languages ??to develop AI

Currently, Artificial Intelligence is one of the most demanding industries of computer science. So if you are interested in working in such a new and opportunistic field, follow this article.

Currently, Artificial Intelligence is one of the most demanding industries of computer science. Many famous technology companies have ambitions to create AI (artificial intelligence) because their value is extremely large, solving many human problems that humanity is not yet solved.

This intelligence can think, think, learn . like human intellect, but process data at a wider, more scalable, systematic, scientific level and faster than humans.



So if you are interested in working in such a new and opportunistic field, follow this article. Quantrimang will suggest some of the best programming languages ??to develop this challenging artificial intelligence system. Let's watch.

1. Python

Python has proven itself to be an extremely suitable language for developing AI. One of the reasons Python is loved is its simplicity. AI is said to be an extremely complex field, so it would be great if the programming language is simple, easy to understand and easy to implement.

The syntax of Python language is evaluated as easy to learn for anyone interested in programming. Python has a very short learning curve (learning process, experience accumulation and results of progress).



One more thing when it comes to building AI projects, Python has a shorter development time than other programming languages ??like C ++. Python is a versatile language that supports different programming styles, including object-oriented, functional and procedural directions.

In addition, this language has many useful libraries that can be used in AI, can use it smoothly with data structures and AI algorithms, typically Pybrain used for Machine learning and Numpy. to perform complex calculations.

1. Open source Python projects for beginners

2. Lisp

Lisp is one of the oldest and well-suited programming languages ??to develop AI. Strictly speaking, the language was invented in 1958 and gradually became a specialized language in the artificial intelligence industry in the United States.

Lisp has excellent prototyping capabilities and its support for symbolic expression is also very suitable for AI. This is also considered a powerful programming language, used in large AI projects like Macsyma, DART, and CYC.

Lisp has a unique development cycle that allows recompilation of functions and interactive evaluation of expressions. These two features may be useful in developing AI.

Lisp language is mostly used in the Machine learning / ILP sub-field by symbolic structure and its availability.

3. R ??programming language

The R language is known to be a very powerful tool for machine learning, statistics and data analysis. R can run code without any compiler, can also perform any calculations, diagrams and formulas on vectors . when needed.



As a versatile programming language, R has a very powerful and powerful package repository that can be used to develop AI, such as G model, RODBC, Tm or Class .

4. Prolog

In addition to Lisp, **Prolog** is also a language specially designed to develop AI. Prolog has many features that make it an ideal language for machine learning. Some of the most prominent enhancements of this language are pattern matching, automatic backtracking, and tree-based data structuring mechanisms. Combining these features will give you a flexible framework in the process of working, and it is judged to be extremely useful in AI project programming. In addition to AI projects, Prolog is also used in building health systems.

5. Smalltalk

Smalltalk is the first, dynamic and reflective object-oriented programming language introduced in early 1970. Smalltalk can be used for both machine learning and artificial intelligence. This language is designed to meet symbiotic goals between people and computers.

Smalltalk has a large fan base. As an object-oriented language, Smalltalk allows to perform complex tasks in an easier and more organized way. It supports fast and repetitive programming. This language also makes it easy to provide a graphical user interface and develop prototypes.

Smalltalk environment allows MVC patterns, user interface design and effective GUI implementation.

Epilogue

Artificial intelligence is a high-tech field that requires the highest level of expertise because creating 'products' that can think and act like people is not an easy task. And the big step to being an AI developer is that you have to choose for yourself the ideal programming language.

These are the best programming languages ??to build AI solutions. Learning all programming languages ??at once may not be feasible, so you can choose to specialize in one or two languages. Wish you find the right language for your project.

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