

What is Python?

Python is a type of computer language that helps people tell computers what to do. Think of it like giving instructions to a robot- Python is a language you use to make those instructions clear and easy to follow.

Python is one of the most popular coding languages in the world because it's simple to read and write, even for beginners.

Python uses words and symbols that look a lot like regular English, so it's easier to understand than many other coding languages and you can often create incredible projects without an outrageous number of lines of code needed!

Who is invented Python?

Python was invented by Guido Van Rossum, a Dutch computer programmer. He began working on it in the late 1980s, and officially released the first version - Python 0.9.0- in February 1991.

Guido wanted to build a language that was:

*Easy to read and write

*Powerful yet simple

*A better alternative to ABC- a teaching language he'd previously worked on.

He named it Python not after a snake, but after the British comedy group 'Monty Python', whose work he admired for its wit and irreverence. (Irreverence means a lack of respect for people or things that are normally taken too seriously).

What is Python used for?

Python is used to code a wide variety of applications across industries thanks to its simplicity, readability, and powerful libraries. It's a general purpose language

1) Artificial Intelligence

Python is a powerhouse when it comes to Artificial Intelligence (AI). It's often used to create language for chatbots and virtual assistants. This means that AI is making conversations between computers and humans more realistic and natural!

2) Web development

Python is often used in the 'back-end' of websites (the bits you don't see) It is used to send information between servers and website security.

3) Data Science

Data science involves looking at an incredible amount of data from a whole variety of topics. Python is used to create beautiful ways to display all the data. It can use bar graphs, or pie charts and Python is incredible at doing huge calculations which is useful - and a time saver - in the data science world.

4) Game development

Python is used mostly in the creation of 2D games. It is able to run on multiple platforms so is great for building games you want to work on more than one console or type of computer. Pygame is popular for a reason! You can make dungeon crawlers (like Zelda) or choose your own adventure style games.

5) App development

Not the most common use of Python but is a use nethertheless. Some developers use python due to its ability to be able to make cross-platform apps. Do you watch Netflix? Well, those recommendations are being made for you with Python coding!



Python is a coding language which is fabulous and useful to learn. It's beginner friendly, versatile and if you were thinking of a career in coding, it has a huge job market.