Introduction to Python

What is Python?

❖ Python was developed in the 1990s by Guido van Rossum of the Netherlands.

❖ His vision was for the language to be simple, intuitive and as powerful as other traditional general-purpose programming languages.

❖ Named the language Python because he was a fan of "Monty Python's Flying Circus."

❖ Worked for Google from 2005-2012 where he focused primarily on developing the Python language.

❖ Began working for Dropbox in 2013 where he continues to be involved in the development of Python.

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❖   Python has a simple syntax that's easier to read and use than most other languages.

❖   Python has most of the features of traditional programming languages. As a result, you can use Python to learn the concepts and skills that apply to other languages too.

❖   Python supports the development of a wide range of programs, including games, web applications, and system administration.

❖   Python is used by many successful companies, including Google, IBM, Disney, EA Games, Dropbox, and more.

❖   Python is open source.

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Python is considered a general-purpose programming language. Others popular general-purpose programming languages that you might be familiar with include:

- BASIC

- C

- C++

- C#

- COBOL

- Java

- Objective-C

- Perl

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The Python Release Timeline (only major releases shown)

Year	Month	Release	Description
1994	January	1.0	First release of Python
2000	October	2.0	First release of Python 2
2008	December	3.0	A redesign of Python that isn't backward compatible
2010	July	2.7	Last release of Python 2 with support until 2020
2016	December	3.6	Current version
2018		3.7	On the horizon