



DISYS Managed Services



Day 1: Introduction to Python

Python Training | June 2023



What is Python?

- High-level, interpreted, and general-purpose dynamic programming language that focuses on code readability
- Created in 1991 by developer Guido Van Rossum
- One of the most popular and fastest-growing languages in the world
- Powerful, flexible, and easy-to-use

Advantages

- Open Source
- Access to thousands of third-party libraries
- Versatile, easy to read, and write
- Portable
- IoT capable

Disadvantages

- Performance
- Memory consumption
- Difficult to maintain

Applications

- GUI-based desktop applications
- Graphic design, image processing applications, Games, and Scientific/ computational Applications
- Web frameworks and applications
- Enterprise and Business applications
- Operating Systems
- Education
- Database Access
- Language Development
- Prototyping
- Software Development
- Data Science and Machine Learning
- Scripting



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Thank you