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• Introduction

- Python Overview
- Installation & Getting Started
- What is Syntax?
- Python Comments
- Python Variables

• Python Data Types & Operators

- • Data Types
- • Python Numbers
- • Data Conversion
- • Type Casting
- • Python Operators
- • Python Booleans
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Python Data Types & Operators

- Data Types
- Python Numbers
- Data Conversion
- Type Casting
- Python Operators
- Python Booleans

• Python Strings

- • Python Strings
- • Operation on Strings
- • String Methods
- • Format Strings
- • Escape Characters



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Python Lists

- Python Lists
- List Indexes
- Add List Items
- Remove List Items
- Change List Items
- List Comprehension
- List Methods

• Python Tuples

- • Python Tuples
- • Tuple Indexes
- • Manipulating Tuples
- • Unpack Tuples

• Python Sets

- • Python Sets
- • Add/Remove Set Items
- • Join Sets
- • Set Methods

Python Dictionaries

- Python Dictionaries
- Access Items
- Add/Remove Items
- Copy Dictionaries

• Conditional Statements

- • if Statement
- • if-else Statement



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- • elif Statement
- • Nested if Statement

Python Loops

- Python for Loop
- Python while Loop
- Nested Loops
- Control Statements

• Python Functions

- • Python Functions
- • Function Arguments
- • return Statement
- • Python Recursion
-

Python Modules

- Python Modules
- Python Packages

• Python OOPS

- • Python OOPS
- • self method
- • __init__ method

• Advanced Topics

- • Python Iterators
- • JSON
- • Python try...except



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- • Python PIP
- • Data & Time

- **File Handling**

- • Python File Handling
- • Read/Write Files