

Module 1: Introduction to Python

- What is Python?
- Installing Python and Setting Up the Environment
- Writing and Running Python Scripts
- Python Syntax and Indentation
- The `print()` Function and Basic Output

Module 2: Variables and Data Types

- Variables and Variable Naming Rules
- Built-in Data Types in Python
 - Numeric Types: `int`, `float`, `complex`
 - Text Type: `str`
 - Sequence Types: `list`, `tuple`, `range`
 - Mapping Type: `dict`
 - Set Types: `set`, `frozenset`
 - Boolean Type: `bool`
 - None Type: `NoneType`
- Type Conversion and Casting
- Checking Data Types with `type()`