

PYTHON PROGRAMMING

Number of hours: **40**

Learning Outcomes

- Introducing Python Programming.
- Becoming familiar with Jupyter Notebook.
- Practicing Python exercises.
- Understanding how to work with different types of data.
- Exploring data structures and algorithms in Python.
- Learning how to build Logic that can dynamically handle information and provide advanced functionality.
- Exploring the Python packages and Python libraries used by data professionals.



Skills

- Python syntax
- Basic data types
- Data organization
- Conditional programming
- Data selection and filtering
- Data cleaning
- Data file management
- Python libraries

Prerequisite Skills

There are no prerequisite skills for taking this program.

Persona

- BS students and graduates
- MS students and graduates
- BE students and graduates
- IT professionals
- Technical leads
- Product managers
- Innovation managers
- Chief information officers
- Chief technology officers
- Chief digital officers