Python Programming

Basics

- Overview and Basic Syntax
- Variables and Types
- Lists
- Basic Operators
- String Formatting
- Basic String Operations
- Conditions
- Loops
- Functions
- Classes and Objects
- Dictionaries
- Modules and Packages

Data Science with Python

- Numpy Arrays
- Pandas Basics

Python Advanced

- Classes/Objects
- CGI Programming
- Database Access
- Networking
- Sending Email
- Multithreading
- XML Processing
- GUI Programming

- ❖ Importing and cleaning Data with Python

- ❖ Data Manipulation with Python

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