Python Syllabus

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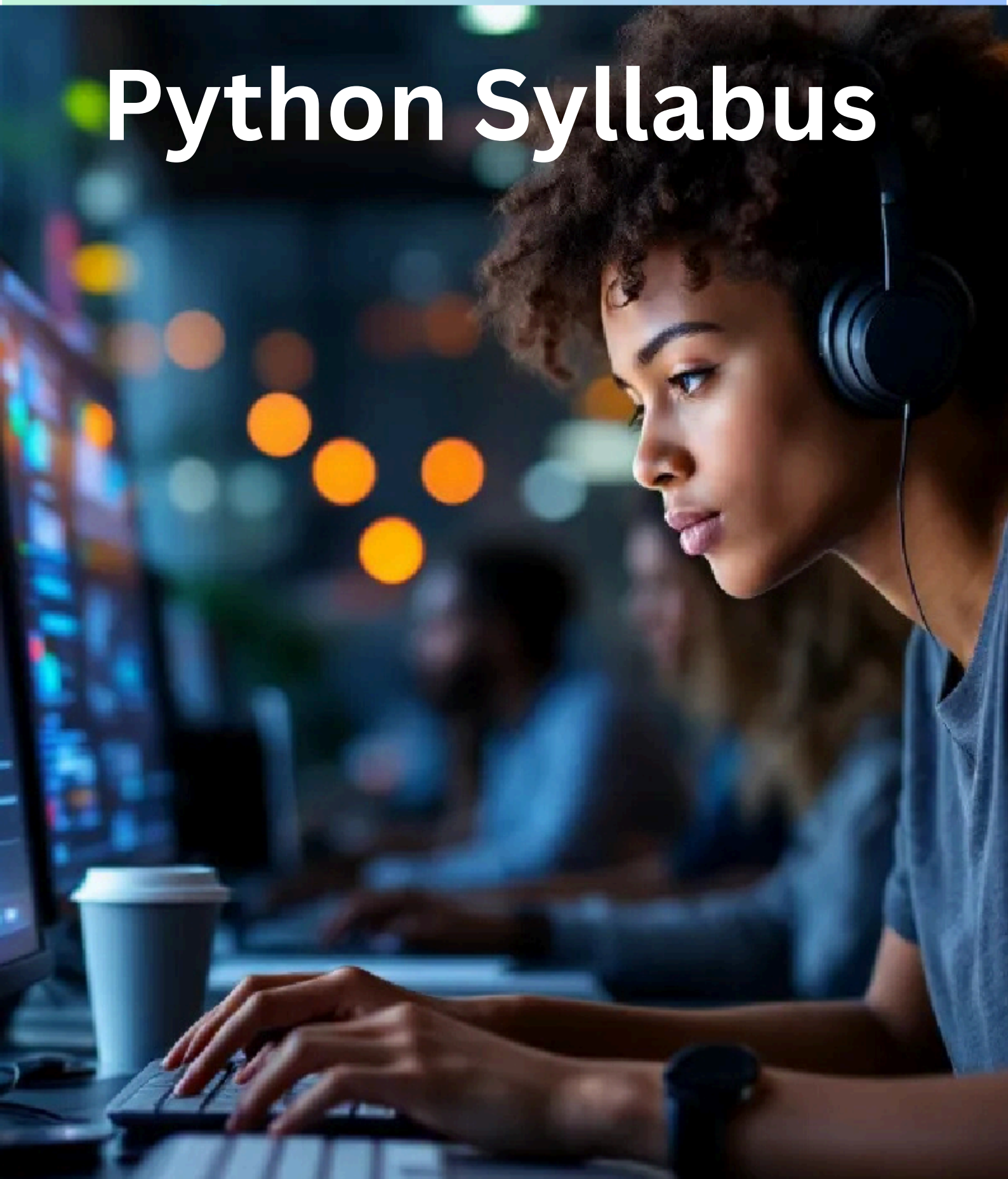
PYTHON

Introduction :

- What history of Python?
- Installing Anaconda, Jupyter Notebook
- Order of Operators
- Data Types
- Variables
- Variable Overloading
- First Program
- Boolean Value
- Comparison Operators

Control – Flow Statement :

- if-else if-elif-else
- While loop
- For loop
- Range Function
- Break
- Pass
- Nested if-elif-else and nested loops
- Coding Assignment

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Data Structures :

- What are Data Structures?

- Lists in Python

- Understanding Iterators

- Tuple in Python

- Dictionaries in Python

- Sets in Python

- More examples of Data Structures

Functions :

- What are functions in python?
- Defining and Calling Functions
- Inbuilt Functions
- User Defined Function
- Split Function
- Strip Function
- Map Function
- Filter Function
- Format Function
- Regular Expressions Basics

Exception Handling :

- Why do we need to handle exception?
- Errors in Python
- Compile-Time Errors
- Runtime Errors
- What is Exception?
- try....except....else
- try-finally clause
- Raising an exceptions
- User Defined Exceptions

OOPS:

- Why do we need
- Object Oriented
- Programming?
- What is a class?
- What is an Object?
- What is Self?
- Constructors
- Global and local variables
- Static and Dynamic Variables
  Inheritance

Key Features :

- Flexible Timings

- One to One Mentoring

- Resume Building

- Real World Projects

- Industry Mentors