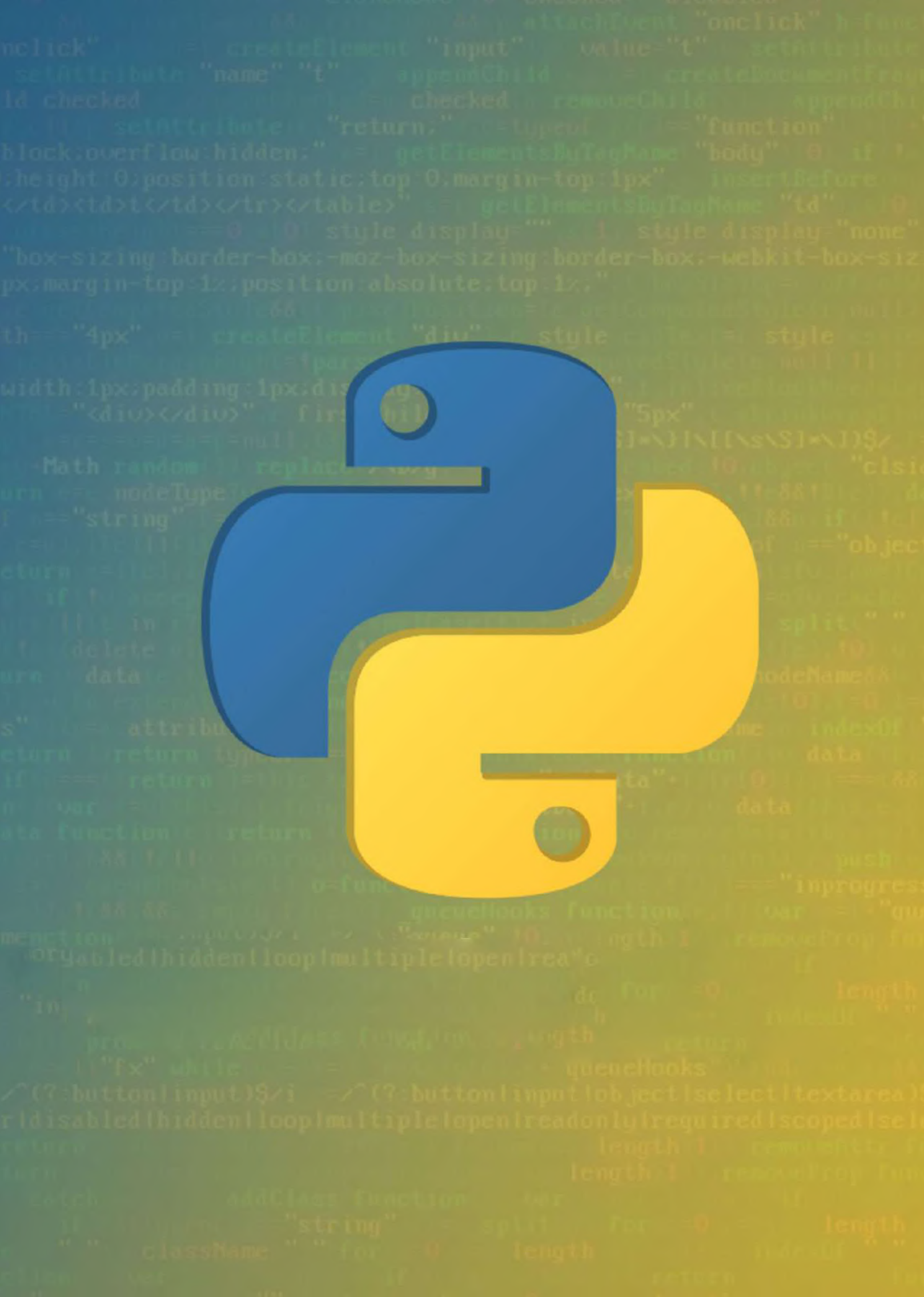

CLIENTELE

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About Us

"Global Knowledge" is headquartered out of Cary, North Carolina in the US of A. Since its conception in 1995 we have expanded our reach across 15 offices worldwide. "Global Knowledge Technologies" is our entity based out of India and has been a part of the Training environment since 2002.

Quick Facts:

- World's largest dedicated IT Training company.
- 5000+ guaranteed to run classes per year.
- 3000+ unique IT training offerings.
- 1100+ subject matter experts.
- Consistent 95% overall student satisfaction.
- Authorized training partners for Amazon Web Services, Alibaba,Blockchain, Cisco, IBM, Google, ITIL, Microsoft, MuleSoft, RedHat, Tableau and more.

We at GKT ardently believe that keeping up with the technology trends is the key to successful careers. Students and faculty members equipped with top technical skills can bring a significant "Impact" at their future workplaces and overall teaching-learning process respectively - An impact that GKT can support you through a range of Strategic focused programs on Multi Cloud Platform, Data Science, Machine Learning & AI, Internet of Things (IoT), DevOps, Business Analytics, Blockchain & Cloud Integration. Technologies that are here to stay and rule the world for the next decade.

Awards & Recognition:

- 2019: Microsoft - Learning Partner of the Year.
- 2019: Red Hat's Fastest Growing Training Partner.
- 2018: CISCO – Learning Partner of the Year.

TRAINED OVER 1 Lakh+ PROFESSONALS WORLD WIDE

REACH ACROSS 50+ COUNTRIES

UNIQUELY BUILT TRAINING CONTENT TO PREPARE FOR CERTIFICATION

OVER 2050+ PROFESSONALS CERTIFIED IN INDIA

OVER 90% OF OUR PARTICIPANTS ARE FROM THE CORPORATE SECTOR

CERTIFICATION PASS RATE OF OVER 96.2%

Delivery Methodologies

CLASSROOM LEARNING

DIGITAL LEARNING

BLENDED LEARNING

About the Course

This course contains essential elements to understand fundamental programming concepts and python as a programming language.This course will enable you to write code and scripts in Python to perform various operations as per the domain.

Objective

- Understanding various applications of Python
- Data Types and Data structures
- Various operations that can be performed
- Control Flow in python
- Creating functions and classes in python
- File handling for various file operations
- Writing various scripts for specific operations

Key Features

- Industry Recommended Learning path for Students
- Access to 60+ hours of interactive learning, case study and projects
- Over 7+ Modules
- Certified Industry expert trainers
- Corporate recognized “Master Certificate” on course completion.

Learning Path

Recommended learning path

Week 1 — 8hrs

Introducing Python and installation

- Explain the advantages of Python
- Define the different versions of python
- Understand the different applications of python
- Understanding various python editors
- Installing python 3 with anaconda.

Week 1 — 8hrs

Getting Started with Python

- Understanding Data types
- Understanding Operators
- Defining built-in functions
- Type conversions
- Syntax rules and requirements

Week 1 — 8hrs

Data structures in Python

- Different Data structures present in python.
- Understand the use of array, list, Tuples, Sets, Dictionaries and compound data structure.

Week 2 — 16hrs

Control Flow in Python

Conditional statements and loops (while, for) in python

Week 3 — 8hrs

Functions and Classes

- How to write functions for code reusability
- How to use classes in python
- Variable scope in class
- Lambda Functions Iterators and Generators.
- Inheritance with classes

Week 3 — 8hrs

Scripting in Python

- Writing basic scripts with raw inputs.
- Dealing with errors and exception

Week 3 — 8hrs

File Handling in Python

Writing input and Output to a file

LABS **ASSESSMENT** **CASE STUDY**

* "Instructor led" will be approx 4 hours per day.

Tools Covered

Programming Tools	RStudio, Python
Analytic Tool	tableau