

ADVANCED PYTHON CERTIFICATION

Start your career in Artificial
Intelligence & Software Development

Develop Python Code: Develop
Yourself With **DigiAM**...

We Build Quality & Trust



Ministry of Corporate Affairs &
An ISO Certified Organization

For More Information:

 www.digiam.in



Welcome

DigiAM is India's trusted digital marketing & IT training company, and DigiAM works in 3 domains: training, development & placement. DigiAM offers certifications in various fields, including Digital Marketing, e-Commerce Marketing, Python, Video Editing, Data Analytics, Data Science, Graphic Designing, Web Designing, Web Development and etc. DigiAM delivers training to students, Job Seekers, business professionals, and entrepreneurs.

DigiAM has 5 offices in India, and we have trained more than 2978+ trainees. Our program course is specially developed by a group of more than 50+ experts coming from the area of Digital Marketing and the IT sector. And our mission provides quality training, and we build quality & trust.

DigiAM is powered by DigiAM India Pvt. Ltd., established in early 2016, and delivers certified digital marketing & IT training in India.

Who We Are?

DigiAM is a venture of DigiAM India Pvt. Ltd. We provide Digital Marketing & IT Training to Students, Corporats, Professionals, Entrepreneurs and Job Seekers...

Our Mission

Our mission is to provide quality education with 100% practical training at an affordable fee.

We work with IT industry experts to design and develop standards that define the IT skills and capabilities required of today's professionals. Our certifications deliver the best current practice, theory, practical work with projects and applied skills in IT, and are recognized and respected across all industry sectors.

Gaining a certification from DigiAM will ensure you have the essential skills and knowledge needed to excel as an IT professional. Through a series of comprehensive, structured, you will know how to integrate key IT tactics and practices into your development and measure the success of your IT growth.





India's Most Certified Advanced
Python Program Delivered by **DigiAM**

2978+

**TRAINEE'S SUCCESS
STORIES**



Module 1

Introduction to Python

- What is Python and history of Python
- Setting up Path & Installation
- Discussion about unique feature of Python
- The Interpreter and their environment's Interactive mode & Script mode
- Coding "Hello World" program

Module 2

Variables in Python

- Rules of Writing Variables
- Keyword
- type (function)

Module 3

Operators in Python

- Arithmetic Operators
- Comparison Operator
- Assignment Operator
- Logical Operator
- Bitwise Operator
- Membership Operator
- Identity Operator

Module 4

Python Data Type: Part-1

- Numeric type in Python
- int - Integer data type properties
- float - Floating data type properties

Module 5

Python Data Type: Part-2

- String type in Python
- Properties of string objects
- dir(str) - learning all string built-in functions
- String formatting
- Reverse a string and manipulate string as list

Module 6

Moving data in and out of Program

- Basic input and output
- Call-by-object nature of python

Module 7

Control flow statements

- Flow of program control
- Decision-making statements: if-elif-else
- 'for' loop
- Repetition using for loop: range() function
- 'while' loop
- Loop control keyword: break, continue, pass



Module 8

Python Data Type: Part-3

- List type in Python
- Properties of list objects
- dir(list) - learning all list built-in functions
- List slicing and range() function
- List comprehension

Module 9

Python Data Type: Part-4

- Tuple type in Python
- Properties of tuple objects
- dir(tuple) - learning all tuple built-in functions
- One value tuple
- Tuple similarities with list

Module 10

Python Data Type: Part-5

- Dictionary type in Python
- Properties of dictionary objects
- dir(dict) - learning all the dictionary built-in functions
- Use of a dictionary as a database

Module 11

User-defined functions

- Introduction to functions
- Function definition and return
- Function parameters
- Function recipe and docstring
- Programming with functions
- Namespaces and the scope of the variable
- Recursive functions
- *args and **kwargs
- Modules and Packages

Module 12

Python Data Types: Part-6

- Set type in Python
- Properties of set objects
- dir(set) - learning all set built-in functions
- Non-duplicate nature of sets
- Converting a list and a tuple to a set
- Comparing sets, lists, and dictionaries

Module 13

File Handling

- Working with files
- File Objects and Modes of File Operations
- Reading, writing, and the use of the 'with' keyword
- read(), readline(), readlines(), seek(), tell() methods
- Handling comma-separated value files CSV



Module 14

Exception Handling in Python

- Understanding exceptions
- try, except, else, and finally
- Raising exceptions with: raise
- Creating your own exception classes

Module 15

Email sending Automation

- Understanding SMTP
- Sending email with the sendmail() function
- Sending an email using Gmail
- Email sending with attachment and MIME

Module 16

Regular expression

- Pattern matching
- Meta characters for making patterns
- re flags

Module 17

Database connectivity with Python

- Working with Sqlite database

Module 18

Object-oriented programming with Python

- OOPs concepts: Classes and objects
- Making of a class and module namespace
- Static and instance variables
- Deep understanding of self and init ()
- Inheritance and Overriding

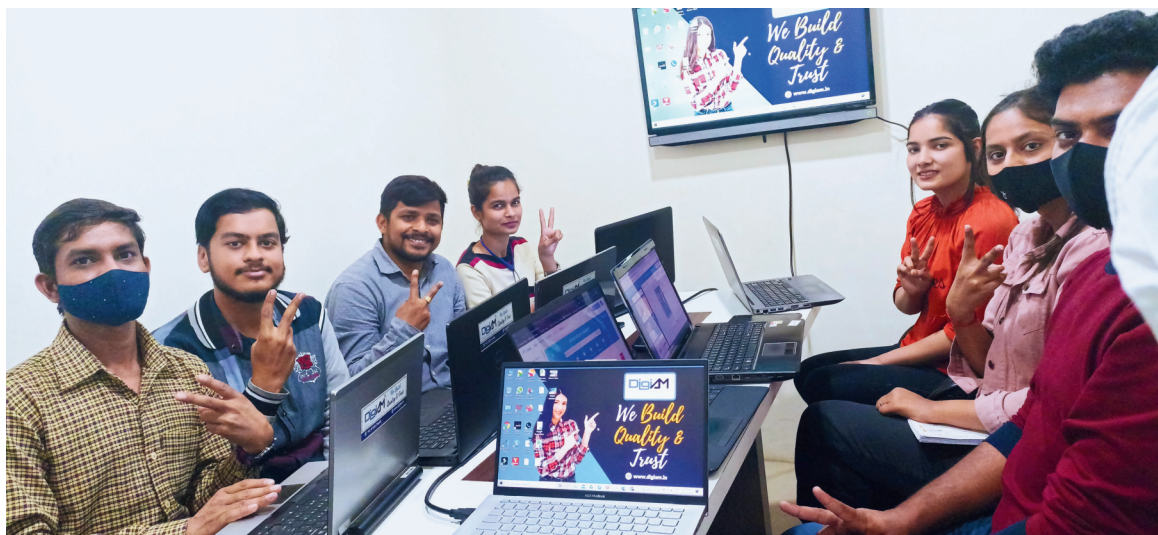
Module 19

Object-oriented programming Continued

- Overriding functions
- Operator overloading
- Encapsulation: Hiding attributes
- Understanding threads
- Multithreading



Our Achievements:



Our Achievements:



DigiAM Placement:



ANKITA SHARMA
(ELDECO GROUP)



CHITRA PANDEY
(BAJAJ FINSERV)



ANKIT DADHEECH
(VCOMMISSION)



SARFARAZ ALAM
(ROOTER)



SHERYA PODDAR
(VEHICAL CARE)



SUYASH SHARMA
(FREELANCER)



UTKARSHA DEVYANI
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(ACCENTURE)



SHAQIB MALIK
(E GLOBAL SOFT)



FAQ'S

- **In case I missed my session.**
You'll be able to cover your topics in upcoming batches or the next session at zero cost.
- **If I could not understand the topics.**
You can take an extra session or learn in upcoming batches.
- **Do you provide training material?**
Yes! We do provide training materials in soft copy through the application.
- **Do you offer customization of training?**
Yes, we do; we consider every single requirement of our trainees and then customize their training according to their needs.
- **Do you provide Courses & Training?**
Yes! We provide both Courses & Training, so you can join both modes of the program according to your needs.
- **If you are a working professional.**
Our batch timings are flexible. So you need not be worried about that. You can join us at your convenience.
- **What about placements?**
We provide 100% placement support.
- **How much salary can I expect?**
It depends on your training program and field. What you choose. But at a fresher level, you can get around 3.6 Lakh to 4.8 Lakh per annum.
- **Eligibility criteria for joining**
If you have a successful pass-out graduate & postgraduate with a technical degree in any discipline from a recognized college/university.

Boost Your Career Growth & Master Skills to Become an Expert in...



Advanced Data Handling & Preparation



Exploratory Analysis & Visualization



Building Predictive Models & Optimized



Automation, Reporting & Performance Enhancement





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