



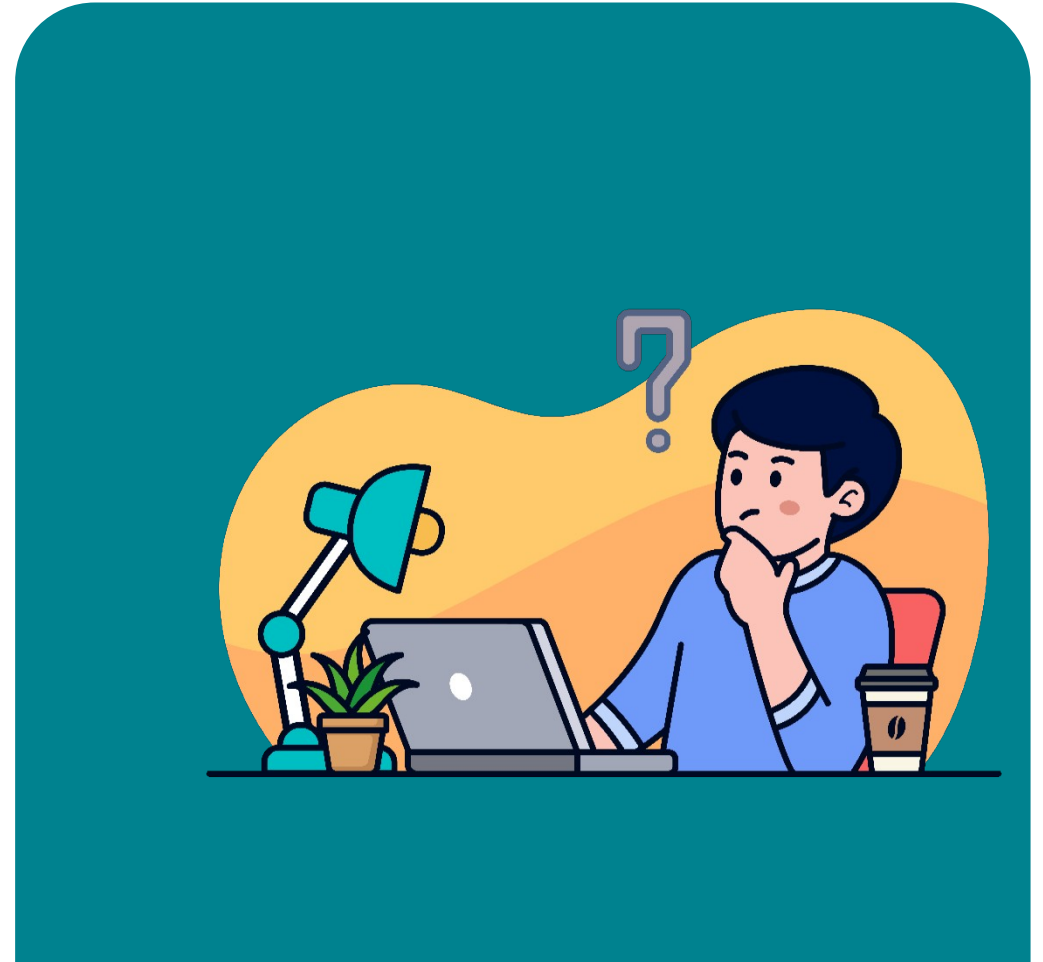
Arth Technology

The Best Online Training Institute

Beginner to Advanced Online Python Training Course With Certification

Why Learn [Python](#)?

Python is an object-oriented programming language. Python programming is a simple, easy-to-learn method that focuses on readability and therefore reduces the cost of program maintenance. It is widely used in all types of platforms like building websites, desktop-based software, data analysis, machine learning, artificial intelligence, language processing, scientific computing, data processing, data fetching. Google, Facebook, Dropbox, Pinterest, Instagram, and many more are using Python programming language. Most of the core search algorithms at Google are using Python language. In the current market scenario, most of the Machine Learning, AI as well as robotics projects at Google are implemented using Python language. YouTube uses Python heavily for various purposes like viewing videos using a different algorithm, etc.





Online Python Training Course Syllabus

1. Introduction to Python Examples

- ✓ Introduction to Python Programming Language Syntax
- ✓ Benefits of Python
- ✓ Downloading and Installing Python
- ✓ Configuring Python IDE PyCharm
- ✓ Running Python Application.

Fundamentals of python language

- ✓ Input & Output example using a console
- ✓ Operators
- ✓ use of numbers
- ✓ string and its variations
- ✓ Commenting
- ✓ identifiers
- ✓ basic programming style
- ✓ Conditional & Branching Statement in Python
- ✓ Basic syntax
- ✓ variables, and types and so on





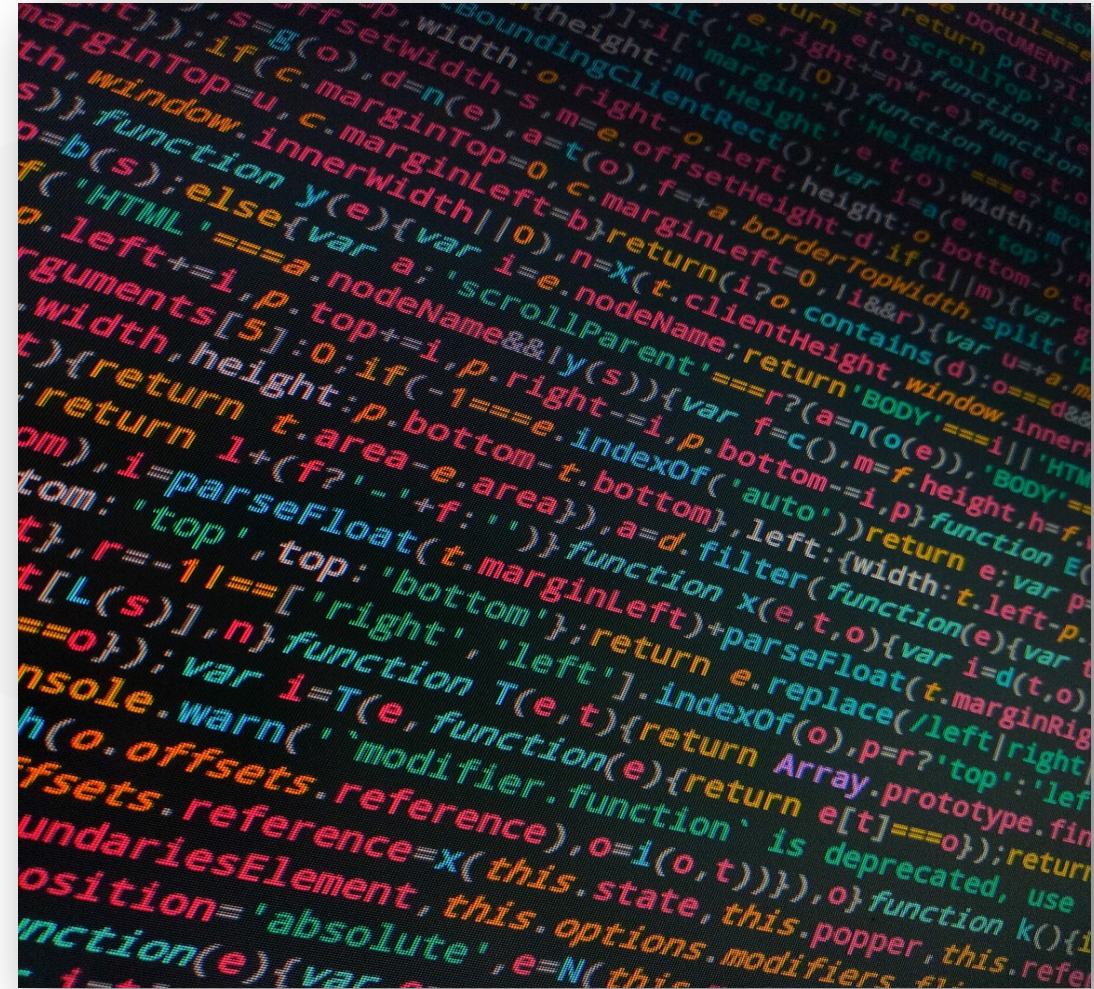
Python Web Development Course Syllabus

3. Understanding Python Objects, Mapping, Set & Iterative

- ✓ Introduction to List
- ✓ Tuple & Set
- ✓ While, for, continue and break with examples.
- ✓ Learn about data structures that Python can handle.
- ✓ Create, manipulate Python lists, tuples, etc.

4. Python functional Programming & Conditional Statements

- ✓ Learn to write complex decision making code by mastering control structures like if, for, while, break and more.
- ✓ Creating functions, passing functions, formal arguments,
- ✓ variable length arguments, default arguments,
- ✓ returning values from the functions, returning multiple values from the functions,
- ✓ functional programming
- ✓ variable scope, and recursion.





Python Web Development Course Syllabus

```
31 def __init__(self, request):
32     self.file = None
33     self.fingerprints = set()
34     self.logdupes = True
35     self.debug = debug
36     self.logger = logging.getLogger(__name__)
37     if path:
38         self.file = open(os.path.join(path, "requests.log"),
39                         "a")
40         self.file.seek(0)
41         self.fingerprints.update(s.request() for s in self.requests)
42
43 @classmethod
44 def from_settings(cls, settings):
45     debug = settings.getbool("SUPERMAN_DEBUG")
46     return cls(job_dir(settings), debug)
47
48 def request_seen(self, request):
49     fp = self.request_fingerprint(request)
50     if fp in self.fingerprints:
51         return True
52     self.fingerprints.add(fp)
53     if self.file:
54         self.file.write(fp + os.linesep)
55
56 def request_fingerprint(self, request):
57     return request_fingerprint(request)
```

5. Object-Oriented Programming using Python Language & Python Modules

- ✓ Class, Object, and Instance.
- ✓ Class level attribute and instance-level attribute.
- ✓ Constructor and other magic methods.
- ✓ Built-in functions for python class and objects.
- ✓ Learn to write and import your own Python modules and use them in other directories.

6. Regular Expressions & Advance Functionalities

- ✓ Learn all about Regular Expressions, their uses in matching patterns and parsing files and text for information.
- ✓ Client-server programming.
- ✓ Introduction to Python GUI programming using Tkinter.
- ✓ Connect Python to Update Excel file.
- ✓ Connect Python to Call some web service.

7. Master Python best practices

- ✓ Take your Python programming skills to the next level with functions
- ✓ import packages and improved code readability.



Python Course Duration

- ✓ 3 Months
- ✓ 1 Months
- ✓ Daily 1 Hour on Zoom/Meet

Python Course Benefits

- ✓ Complete Online Practical Training
- ✓ Certificate On Completion
- ✓ 100% Placement Support



THE BEST
Choices



Trainer|Instructor's Course Objective

- ✓ *Certified professional trainer.*
- ✓ *More than 10+ years experience.*
- ✓ *Trained students by giving live industrial projects.*
- ✓ *Strong knowledge of theory and practical*
- ✓ *Trainers have Industry expertise.*
- ✓ *Always available to solve students doubts*
- ✓ *Trainer prepares students on relevant subjects for the Interview.*

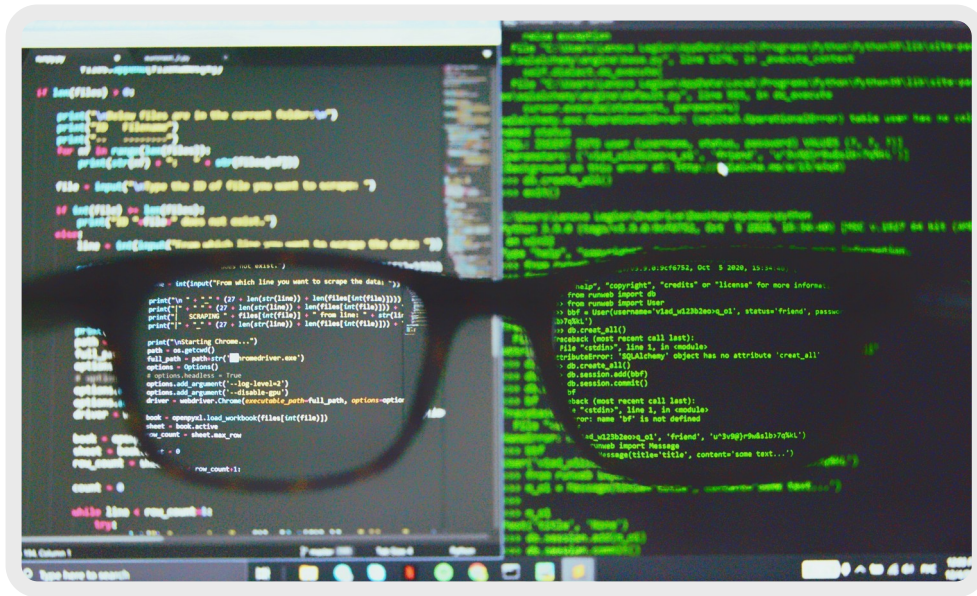
Certification Of Completion

Arth technology Certification has the credibility to enhance your knowledge and pave a road for a successful career in corporate as a Human Resource profession. We focus on practical Industrial based knowledge only to groom you to be effective in the ever changing role of Developer's professional. We believe in giving practical knowledge and building students career in right path. With us you have live projects in your resume with certificate and core excellency.





Activities we perform in training Programs

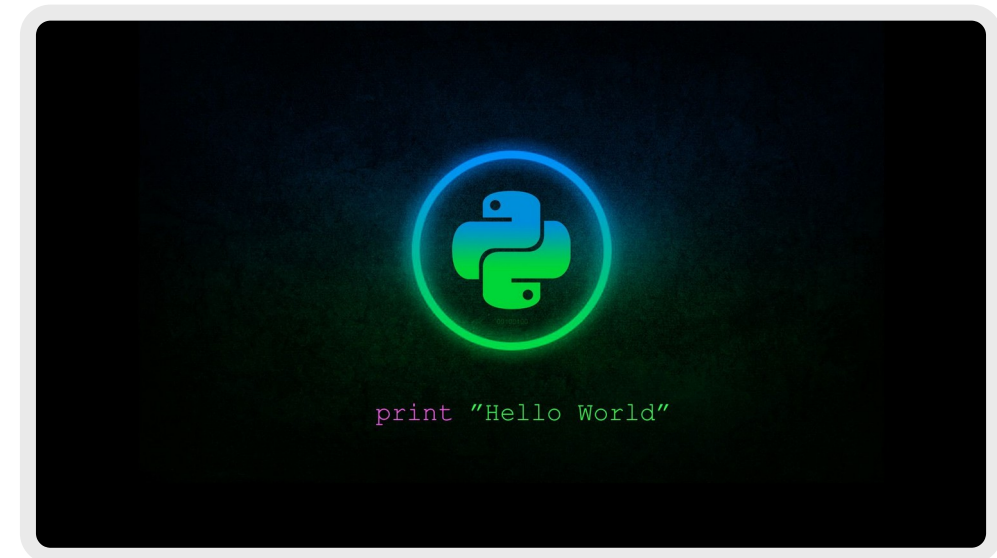


- ✓ Research and Development
- ✓ Industrial Training and Visits
- ✓ Skill Enhancement Programs
- ✓ Faculty Development Programs
- ✓ Placement of trained Students
- ✓ Workshops on New emerging Technology
- ✓ Motivation for budding Students
- ✓ Seminars and Webinars on Technical skills



Python Course Objective

- ✓ *Introduction to Python*
- ✓ *Overview of installation*
- ✓ *Basic beginner programming concepts with python*
- ✓ *Use of object-oriented for web design*
- ✓ *Support libraries of python*
- ✓ *Create and deliver Python packages*
- ✓ *Learn skills to test Python applications*
- ✓ *Integration and text processing capabilities of python*
- ✓ *Python interface with databases*
- ✓ *Web technologies using python programming*
- ✓ *Application and Web development*
- ✓ *Development tools and Manifest File*
- ✓ *Data structure used by python programming language*





Students Belongs to Such Degree in [Colleges And Universities](#) Shall join with Us



- ✓ *Bachelor of Computer Applications (BCA)*
- ✓ *PGDCA (Post Graduate Diploma in Computer Application)*
- ✓ *MCA (Master of Computer Applications)*
- ✓ *MSC IT (Master of Science in Information Technology)*
- ✓ *BE IT (Bachelor of Engineering in Information technology)*
- ✓ *Diploma Course*
- ✓ *Degree Course*
- ✓ *BTech*
- ✓ *MTech*
- ✓ *Engineering*
- ✓ *IT & Computer Science*
- ✓ *Undergraduate*
- ✓ *Diploma*
- ✓ *PostGraduate*
- ✓ *BBA ISM*
- ✓ *BBA Information System Management*

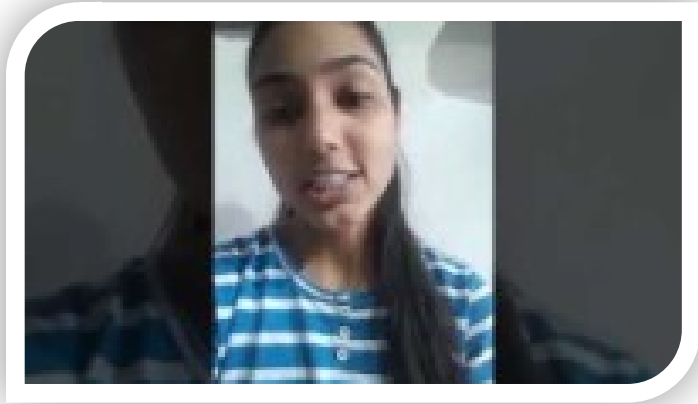


Build your first Python Program with Us!!

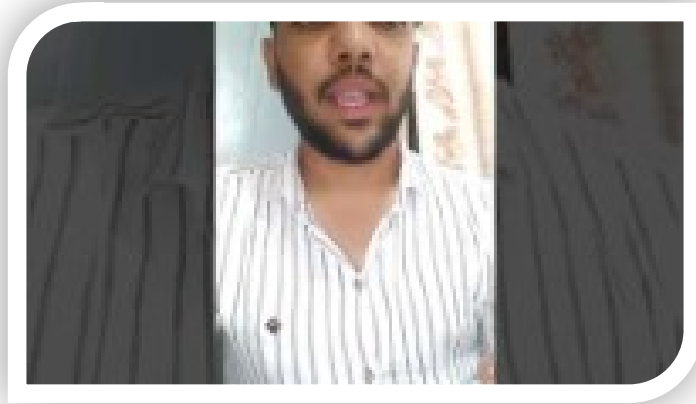
When you are looking for the best online python training courses in India then you will find Arth Technology Training Insitute is the best which helps computer science students for learning complete skills from beginner to advanced level using Python courses. Our Online Python courses are designed especially for beginner to intermediate Computer Science students. We focus on project-based Learning methods so every student must develop some project at regular intervals so they can learn the complete skills with certification. In our course, we also provide web-based tutorials for many topics which we are going to cover during the course training. Our expert trainer starts from the basics beginner of python to advance finally at the end, of course, students can get the certification so they can showcase the certificate on their LinkedIn profiles to secure jobs easily. During these online training programs, we cover many languages as per the required skills or topics so students can learn the complete features which are essentials for beginners. As a web developer, you should learn python with Django to make web applications live and your project can be useful to others. If you are planning to learn the theoretical concepts then you can refer to edx tutorials, w3schools, audacity, Bootcamp, Coursera, udemy, or any other free professional resources. When you focus on one-to-one learning then you should join our classes for interactive learning sessions.



Student Testimonials for our Online Courses



https://youtu.be/rIXiUjV_hhc



https://youtu.be/kTEls8tKa_M



<https://youtu.be/xRHtlQcMi1M>



Python Interview Questions

1. Why should I learn Python programming?

- ✓ Python is widely used for processing text, numbers, images, or scientific data, and is a popular application in many development environments. Getting hands-on knowledge is an asset, especially if you want to make a career in Python programming. Python applications are very powerful which provide various unique features like shell programming, analytics integration, and testing, javascript library integration, easy statistics related library include, everybody can learn.

2. Do you provide job assistance after training?

- ✓ Yes, we provide job assistance.





PHP Interview Questions



3. Do you provide a 100% job guarantee?

- ✓ No, we provide placement assistance.

4. What is the difference between "echo" and "print" in PHP?

- ✓ Echo can output one or more strings but print can only output one string and always returns 1.
- ✓ The echo is faster than print because it does not return any value.



PHP Interview Questions

5. How a variable is declared in PHP?

- ✓ A PHP variable is the name of the memory location that holds data. It is temporary storage.

Syntax of declaring a variable in PHP is given below:

```
$variablename=value;
```

6. What is the difference between "echo" and "print" in PHP?

- ✓ PHP data types are used to hold different types of data or values. There are 8 primitive data types which are further categorized into 3 types:
 - Scalar types
 - Compound types
 - Special types





PHP Interview Questions



7. How a variable is declared in PHP?

- ✓ A PHP variable is the name of the memory location that holds data. It is temporary storage.
Syntax of declaring a variable in PHP is given below:
`$variablename=value;`

8. How many data types are there in PHP?

- ✓ PHP data types are used to hold different types of data or values. There are 8 primitive data types which are further categorized into 3 types:
 - Scalar types
 - Compound types
 - Special types



PHP Interview Questions

9. What is the array in PHP and How many types of an array are there in PHP?

- ✓ An array is used to store multiple values in a single value. In PHP, it orders maps of pairs of keys and values. It saves the collection of the data type. There are three types of an array in PHP:
 - Indexed array: an array with a numeric key.
 - Associative array: an array where each key has its specific value.
 - Multidimensional array: an array containing one or more arrays within itself.

10. What is the difference between session and cookie in PHP?

- ✓ The main difference between session and cookie is that cookies are stored on the user's computer in the text file format while sessions are stored on the server-side.
- ✓ Cookies can't hold multiple variables, on the other hand, sessions can hold multiple variables.
- ✓ You can manually set an expiry for a cookie, while the session only remains active as long as the browser is open.





PHP Interview Questions

11. How can we increase the execution time of a PHP script?

- ✓ By default, the maximum execution time for PHP scripts is set to 30 seconds. If a script takes more than 30 seconds, PHP stops the script and returns an error.
- ✓ You can change the script run time by changing the `max_execution_time` directive in the `php.ini` file.
- ✓ When a script is called, the `set_time_limit` function restarts the timeout counter from zero. It means, if the default timer is set to 30 sec, and 20 sec is specified in function `set_time_limit()`, then the script will run for 45 seconds. If 0sec is specified in this function, the script takes unlimited time.

12. What are the different types of errors in PHP?

- ✓ There are 3 types of errors in PHP.
 1. Notices: These are non-critical errors. These errors are not displayed to the users.
 2. Warnings: These are more serious errors, but they do not result in script termination. By default, these errors are displayed to the user.
 3. Fatal Errors: These are the most critical errors. These errors may cause due to immediate termination of the script.



About Expert Trainer

Mr. Adarsh Patel



Chief Executive Officer (CEO)

“Mr. Adarsh Patel is a Passionate Programmer who has worked with 50+ Different Programming languages. He has developed 500+ Websites, Applications & Scripts. He has experience of 11+ Years.”





The Arth Technology Information Here



Phone Number

+91 9375820283



E-mail Address

contact@arthtechnology.co
m



Offices Address

FF34, Darshanam Oasis,
Near Mukhinagar Near Pancham
Elite,
Near Khodiyar Nagar Cross Road,
New VIP Road,
Vadodara, Gujarat 390022



Contact Detail

