



Trendnologies

Upskill & Upgrade Your IT Career

100% Placement Guarantee
Supporting Job seekers in career Change
and skill enhancement program



PYTHON TRAINING



Python has thousands of packages available to perform almost any task, from web development to data analytics, and much more. Python is the easiest programming languages to learn their syntax is mostly similar to the English language and perfect for beginners to understand the technical concepts. It may deal with any application, from the website development to big data analytics visualization

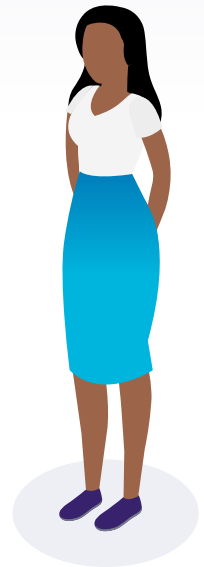
TRENDNOLOGIES – PYTHON TRAINING

100% placement assurance

SUPPORT JOB SEEKERS IN CAREER CHANGE AND UPSKILL PROGRAM.

We work with job seekers to meet them exactly where they are by offering personalized, customized support to meet their needs while assisting them in navigating their next career opportunity. Faced with the current realities of an ever-changing workforce, we believe our placement services must meet individuals exactly where they are. Our customized and personalized Training and Placement programs offers better career in PYTHON. More details visit:

WWW.TRENDNOLOGIES.COM



Audience for the Course



IT professionals , Software testers , System administrators , Solution architects , Security engineers , Application developers ,Integration specialists , windows Administrators, Java Developers, Data analysts and database administrators, Database Administrator, System architects, IT managers, IT administrators and operators, IT systems engineers, data engineers and database administrators, data analytics administrators, cloud, web engineers, Project Managers, Software Architects, ETL and Data Warehousing Professionals, Data Engineers, Data Analysts & Business Intelligence Professionals, DBAs and DB professionals, Senior IT Professionals, Testing professionals, Mainframe professionals, Graduates looking to build a career in IT Field can apply for this course

Pre-requisites and Eligibility

There are no pre-requisites for Python. However, a basic understanding of computer science technicalities and Basic knowledge C,C# and Java will be helpful but is not mandatory. Don't worry, we will cover fundamentals in detail in our course



PYTHON SYLLABUS



CHAPTER 1

- ▶ Introduction to Python
- ▶ Fundamentals of Python
- ▶ Variables
- ▶ Operators
- ▶ Control Statements
- ▶ Data Structures or Collections
- ▶ List Collection
- ▶ Tuple Collection
- ▶ Set collection
- ▶ Dictionary collection
- ▶ Functions and Ranges



Chapter 2 – Input and Output in Python

- ▶ Reading and writing text files writing Text Files
- ▶ Appending to Files and Challenge Writing Binary Files Manually
- ▶ Using Pickle to Write Binary Files

Chapter 3 – Python built-in function

- ▶ Python user defined functions
- ▶ Python packages functions
- ▶ Defining and calling Function
- ▶ The anonymous Functions Loops and statement in Python
- ▶ Python Modules & Packages

Chapter 4 – Python Object Oriented

- ▶ Overview of OOP
- ▶ Creating Classes and Objects
- ▶ Accessing attributes
- ▶ Built-In Class Attributes
- ▶ Destroying Objects

Chapter 5 – Python Exception Handling

- ▶ What is Exception
- ▶ Handling an exception
- ▶ try....except...else
- ▶ try-finally clause
- ▶ Argument of an Exception
- ▶ Python Standard Exceptions
- ▶ Raising an exceptions
- ▶ User-Defined Exceptions

Chapter 6 – Python Regular Exceptions

- ▶ What are regular expressions
- ▶ The match Function
- ▶ The search Function
- ▶ Matching vs Searching
- ▶ Search and Replace
- ▶ Extended Regular Expressions
- ▶ Wildcard

Chapter 7 - Python Multithreaded Programming

- ▶ What is multithreading?
- ▶ Starting a New Thread
- ▶ The Threading Module
- ▶ Synchronizing Threads
- ▶ Multithreaded Priority Queue
- ▶ Python Spreadsheet Interfaces
- ▶ Python XML interfaces

Chapter 8 – Using Databases in Python

- ▶ Python MySQL Database Access
- ▶ Install the MySQLdb and other Packages
- ▶ Create Database Connection
- ▶ CREATE, INSERT, READ, UPDATE and DELETE Operation
- ▶ DML and DDL Operation with Databases
- ▶ Performing Transactions
- ▶ Handling Database Errors

Chapter 9 - Python For Data Analysis

Numpy:

- ▶ Introduction to Numpy
- ▶ Creating arrays
- ▶ Using arrays and Scalars
- ▶ Indexing Arrays
- ▶ Array Transposition
- ▶ Universal Array Function
- ▶ Array Processing
- ▶ Array Input and Output

Pandas

- ▶ What is Pandas
- ▶ Where it is used
- ▶ Series in Pandas

Chapter 10 - Overview of Django Web Framework in Python and Matplotlib

- ▶ **Matplotlib: Python For Data Visualization**
- ▶ **Introduction to the Data Visualization Section**
- ▶ **Introduction to Matplotlib**
- ▶ **Introduction to Django and Full Stack Web Development**



Chapter 11 – Interview Questions

**Chapter 12 – Mock Interview and Mock
Interview Answers**

**Chapter 13 – Resume Preparation
session and sample resumes**



Check for Understanding -
Activity / Practice / Quiz /
Assessment

BATCHES :

Both Classroom and Instructor-Led Online Classes Available

Week days batch

- ▶ Class Room Training
- ▶ Online Instructor LED Training
- ▶ Online Self-paced training

Weekend batch

- ▶ Class Room Training
- ▶ Online Instructor LED Training
- ▶ Online Self-paced training

Fast track batch

- ▶ Class Room Training
- ▶ Online Instructor LED Training
- ▶ Online Self-paced training

Our End to End Placement process



Why Trendnologies?

- ▶ 10+ years of delivering exceptional service to candidates in Training and placements
- ▶ Fast Track Placement in 30 days
- ▶ 100% Placement assurance
- ▶ Managed by IT Experts as Trainers
- ▶ Customized support addressing your needs
- ▶ Personalized approach / dedicated attention
- ▶ Personalized career counselling
- ▶ Personalized consulting, planning and support
- ▶ Job oriented theoretical & Practical Classes
- ▶ More focus on hands-on and use cases
- ▶ Focused on case studies and Real-time projects
- ▶ Complete end to end training soft material
- ▶ Guidance for Resume preparation and interview preparation
- ▶ Bigdata training along with Career guidance and Certification guidance
- ▶ Comprehensive career solutions across India, USA, UK and UAE

KNOW ABOUT OUR TRAINERS TEAM

- ▶ Trendnologies python training in Chennai is led by experts with over a decade of experience. Additionally, our Selenium Trainers at TRENDNOLOGIES assist and guide you for Selenium certification examinations
- ▶ Administrated and mastered by highly skilled industry experts with 20+ years of strong IT experience in leading MNC companies as Architect and Senior Technical consultant
- ▶ 10+ Years of Hands-on expertise in IT industry
- ▶ Our Trainers are certified professionals with 9+ years of experience in their respective domains as well as they are currently working with Top MNCs
- ▶ 10+ years of delivering exceptional service to candidates in Training and placements
- ▶ Completed 100+ classroom and 100+ online batches successfully
- ▶ Our instructors are industry experts and subject specialists who have mastered the art of running applications and giving students with the Best CRM and Cloud training
- ▶ We have earned various significant awards from renowned IT firms Training in Chennai

KNOW ABOUT OUR TRAINERS TEAM

- ▶ Trained and Placed over 3000+ professionals in a single year
- ▶ Experience professional and Placement oriented instructional technical trainers.
- ▶ Proven ability to plan and execute programs on time.
- ▶ Knowledge of "current best practices" and the latest research in the use of technology to enhance teaching and learning.
- ▶ Our Trainers have worked on a variety of on-going projects in their respective industries.
- ▶ Trainers also assist candidates in being placed in their particular companies through the Employee Referral / Internal Hiring procedure.

KEY FEATURES

- ❖ 100% Placement guarantee
- ❖ Career Oriented Training
- ❖ Hands-on with Case Studies
- ❖ Industry Expert Faculties
- ❖ Fast track placement mode
- ❖ Managed and mastered by highly skilled Industry Experts

- ❖ Both Classroom Training and Online Training
- ❖ Complete Career Guidance
- ❖ Mock Tests and Interviews
- ❖ Resume Preparation and Interview preparation support
- ❖ Multiple revision classes through training library
- ❖ Placement in Top MNC Company

- ❖ Online Professional Certification assistance
- ❖ Technical Job Support after course completion and Placement
- ❖ Hands-On Salesforce Training with Certification
- ❖ Job Assistance | Access to official content aligned to exam
- ❖ Practice Labs & Projects with integrated Cloud labs
- ❖ Support 24/7 * 365 days

BRANCHES - CHENNAI

Annanagar Branch I

F22, 2C & 2D, Second floor,
Second Main Road,
Annanagar East,
Chennai - 600102
86819 62962

Medavakkam Branch

#29, M.S Complex,
Second Floor,
Anna Street,
Medavakkam.
Chennai - 600100
84288 88962

Annanagar Branch II

New no. 83, Old no. M-9-B, M Block
Annanagar East,
Near K4 Roundtana,
Chennai - 600102
86809 62962

Placement Division

F22, 3D third floor,
Second Main Road,
Annanagar East,
Chennai - 600102.
91763 62962

BRANCHES - COIMBATORE

Coimbatore Branch I

#778, Mettupalyam Road,
R S Puram
Coimbatore – 641002
93600 93938

Coimbatore Placement Division

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R S Puram ,
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8428444962



BANGALORE Branch

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84286 66962**

THANKS!

Visit our website for more details :
WWW.TRENDNOLOGIES.COM

