



**NO MORE WAIT ,  
START YOUR CAREER !**

**ROLE BASED  
INHOUSE TRAINING  
WITH 100% PLACEMENT**



# WHAT PEOPLE SAY'S



In order to bring an advancement in my programming career, I've decided to take Python course at Peopleclick Techno Solutions. The top-notch training with experienced trainers, challenging assignment practices and live training brought a bigger change. I could enhance my programming skills with such an extensive training to grab a senior developer role.

Sumit Prakash



The Python training at Peopleclick Techno Solutions helped me to learn the best practices in Python. Though I had a brief experience in Python, I could acquire the actual skills only after joining this training. The trainers had outstanding domain knowledge and their classes were an effective mix of theoretical concepts, live examples and case studies. The comprehensive training with a wonderful opportunity to work on real-time projects groomed me as an efficient Python developer.

Vasudev Puri



The Python course at Peopleclick Techno Solutions is the best choice for absolute beginners in programming. The course content is a mix of theoretical and practical training with special attention given to practical aspects. The trainers with industry experience include lots of live examples in their teaching. The assignments given after each training session and live projects increase the level of programming skills up to industry standards. Effective placement programs at Peopleclick helped me to get a good offer from Radisys India Private Limited.

Divya R.S.



Peopleclick Techno Solutions gave me very effective training in Python to build my career high. I am thankful to the knowledgeable trainers and the dynamic placement support team here for helping me in winning my first job at SLK Software Services Pvt. Ltd. The hands-on experience with live projects and mock interviews empowered me to nail the job interview.

Veena Praveen



I've joined for Python training in Peopleclick Techno Solutions without a strong background in programming. But, the highly experienced trainers made Python programming easy for me. They took classes at right pace, enriched with useful content and real-time examples. Their unwavering support in live projects carved out the programmer in me. As a successful Python developer today, I always value the strong

Sagarika Sinha



As a newbie, I found Python training at Peopleclick Techno Solutions extremely useful to kick start my career. The course content as well as training materials are designed according to the prevailing industry standards. The trainers are experienced professionals with in-depth knowledge in the subject. They are also very much supportive in clearing any kind of doubts at any time. I evolved as a programmer and landed a job at Nivansys Technologies Private Limited.

Suraj Sharma

## 15 Career Options For You



Python Developer



Python Architect



Python Scripting



Research Engineer



Lead Engineer



Software Engineer



Senior Software Engineer



Research Assistant



Software Developer





Graduate Research Assistant



Software Engineering Internship



Web Developer



Quality Assurance Engineer



Software Quality Engineer





## Python – Django Corporate Training Course Duration

### Why Python.

- Language Popularity
- Job Trends
- Areas where Python is used.
- Companies using Python and Examples.
- History of Python
- Compiled and Interpreted Languages.
- Why Python as hybrid language.

## **Installation – Python.**

- Versions (2.7+ vs 3.0+)
- Available IDEs, Comparison
- Installation of Python and pyCharm.
- IDLE and the interactive shell.
- Basic operations on the shell.
- Running the script file.

## **Python Data Types**

- Boolean
- Numbers
- Strings (Slicing)
- Lists
- Dictionary
- Tuple
- Variable Assignments
- Range

## **Operations**

- Arithmetic Operators
- Relational Operators
- Logical Operators
- + (Plus), \* (Multiplication)
- In

## **Conditional Statements**

- If Statement (elif, else)
- for Statement

- while Statement
- break and continue Statement
- pass keyword

## Functions

- Definition and calling a function
- Pass by Reference vs Value
- Functions Arguments (Required, Keyword, Default, Variable Length)
- Return statement
- Scope of Variables (Global vs Local)
- Args and kwargs.

## Functional Programming

- List Comprehension
- Dictionary Comprehension
- Anonymous (lamda) Functions

## File I/O

- Reading Keyboard Inputs
- input function
- Opening and Closing Files.
- Reading and Writing Files.

## Modules

- Basics
- Search Path
- Globals() and locals()
- Dir() function
- Packages (Basics, Importing from packages, examples)

## Classes

- Classes and objects
- Init function
- Class vs Instance Variables vs Static Variables
- Inheritance
- Multiple Inheritance
- `__str()`

## Exception Handling

- Standard Exceptions
- Assertions
- Handling
- Try-finally, except
- Raising an Exception

## Regular Expressions

- What are Regular Expressions
- Matching Characters, Searching
- Compiling Regular Expressions
- Split
- Findall
- Search
- Ignore case vs normal search
- Repetition
- Emails Example
- Group Extraction

## Introduction to Git

- Introduction to Git and Github
- Installation
- Creating a project



- Adding Git to an existing Project
- Git Workflow (add, commit, pull & push)
- Git ignore file

## **Introduction to HTML, CSS & JavaScript**

- Introduction
- Basic HTML markup and structure
- Basic CSS Style Definitions
- Basic JavaScript Programming

# **Django Course Content**

## **Introduction to Virtual Environment**

- Installation
- Creating a new virtual environment
- Activating the environment
- Django Overview, version and Installation
- Understanding PIP command

## **Creating first Web Application**

- Creating Web Project using Django-admin
- Understanding Folder structure (settings.py, urls.py)
- Running the Django Development Server using manage.py
- List of commands available with manage.py
- Verifying the Django installation and setup.

## **Introduction to Admin Site**

- Understanding and running “migration”
- Activating the admin site
- Creating Super user

- Login and how to use admin panel

### **Creating first Application (Apps)**

- What are apps and its purpose
- App project structure
- Understanding admin.py
- Understanding models.py
- Understanding views.py

### **Django Model And Database Concepts**

- Database Design Considerations
- Creating Models
- Fields, Fields Types and Field Options
- Handling Relationships, DjangoORM
- Creating and Retrieving Objects
- Filters
- Running Model initializations using makemigrations, migrate
- Registration of Models in admin site

### **Error Pages**

- Raising 404
- Writing a 404 (page not found) view
- Writing a 500 (Server error) view

### **Client Side Basics**

- Introduction to Bootstrap tutorial
- Creating sample client side pages using Bootstrap
- Bootstrap classes and examples.

### **Views and URLConfs**

- Understanding the view layer
- URL dispatcher and regex
- Requesting a web page via URL, view function
- Render HTTPResponse to templates
- Understanding context data and python dictionary type

## **Template System**

- Using the template system
- Templates
- Variables
- Writing Custom Template Filters, tags, Comments
- Template Inheritance
- HTML Escaping
- Creating a template library

## **Forms**

- GET and POST methods
- Form validation
- Rendering forms and Model form(s)

## **Form basics**

- GET and POST methods
- Form validation
- Rendering forms and Model form(s)

## **REST API Introduction**

- Understanding REST basics.
- CRUD Methods
- REST API Models

- REST API Serializer JSON
- REST API view Request and Response.
- NOTE: As part of this Python + Django course, students will be working on one live project.



# Get Hands on Live Python Django Training with Real Time Projects and 100% Placement Assistance



- ✓ 8000+ Students Trained & 450 Batches
- ✓ 100% Placement Support in MNCs
- ✓ 10+ Years Experienced Trainers
- ✓ Work on 2-3 Live Projects
- ✓ 100+ Tied Up Client Companies







8000+ Students Trained & 450 Batches  
10+ Years Experienced Trainers  
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For More Information: +91-8867636114 [www.peopleclick.in/python-training-bangalore.html](http://www.peopleclick.in/python-training-bangalore.html)