



# Python/Odoo ERP Training

# What is ERP?

Enterprise Resource Planning (ERP) is a comprehensive software solution that integrates various business processes across departments, enhancing operational efficiency and providing real-time insights for informed decision-making.

## Benefits of ERP

- **Streamlined Operations:** Automates routine tasks, reducing manual effort and errors.
- **Centralized Data Management:** Ensures data accuracy and accessibility across the organization.
- **Enhanced Decision-Making:** Provides real-time reporting for better strategic planning.
- **Scalability:** Easily adapts to growing business needs and complexities.
- **Improved Collaboration:** Facilitates communication and cooperation between departments.

# What is Python?

Python is a powerful, versatile programming language recognized for its readability and ease of use. It is widely employed in various fields, including web development, data analysis, artificial intelligence, automation, and more. Its extensive libraries and frameworks enable rapid development and deployment

# What is Odoo?

Odoo is an open-source ERP platform that offers a suite of integrated applications for managing key business functions such as sales, inventory, accounting, and project management. Its modular structure allows businesses to customize their ERP system according to specific requirements





# Why Odoo?

- **Comprehensive ERP Solution:** Integrates various business applications into one platform.
- **User -Friendly Interface:** Easy to navigate for all skill levels.
- **Modular Structure:** Offers a wide range of modules to tailor the system to specific needs.
- **OpenSourceAdvantage:** Allows for customization without high licensing fees.
- **Cost-Effective:** Flexible pricing model based on required modules.
- **Growing Demand for Developers:** Increasing job opportunities for trained Odoo developers.
- **Robust Community and Support:** Access to resources and help from a large user community.
- **Flexibility and Customization:** Adapts easily to changing business needs and integrates with other systems

# Course Overview

Our Python/Odoo training course is designed to equip participants with the skills necessary to effectively use and implement Python programming alongside Odoo's functional and technical aspects. The course combines theoretical knowledge with practical experience, ensuring a holistic understanding of the subjects

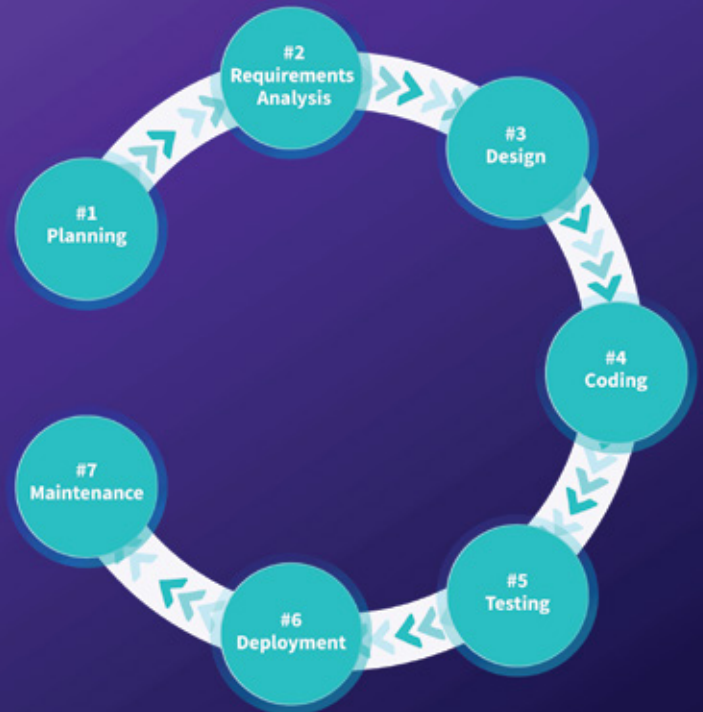
## Course Duration

**4 Months**

- **3MonthsOfClasses**  
Learn Python and Odoo in a structured format.
- **1MonthInternship**
- **Gain real-world experience through live projects**

# Course Topics Covered

## THE SEVEN PHASES OF THE SOFTWARE DEVELOPMENT LIFE CYCLE



### SDLC

- Planning
- Requirement Analysis
- Design
- Development
- Testing
- Deployment
- Maintenance



# Python Programming:

- Introduction to Python: Syntax, data types, and control structures.
- Functions, modules, and libraries: Creating reusable code.
- Object-oriented programming: Classes, objects, inheritance, and polymorphism.
- Exception handling and debugging: Techniques for error management.
- Working with files: Reading from and writing to files.
- Datamanipulation with libraries: NumPy and Pandas for data analysis

# OdooFunctional Training:

- Overview of Odoo: Architecture and deployment options.
- Userinterface navigation: Understanding menus and user roles.
- Sales Management: Configuring the Sales module, managing orders, and tracking performance.
- Customer Relationship Management (CRM): Lead management and customer interactions.
- Inventory Management: Configuring inventory settings, managing stock levels, and understanding valuation methods.
- Accounting: Setting up fiscal years, accounts, and creating financial reports.
- E-Commerce: Building and managing an online store.

# OdooTechnical Training:

- Introduction to Odoo's architecture: Understanding models, views, and controllers.
- Setting up a development environment: Local vs. cloud installations.
- Creating custom modules: Step-by-step guide to building and organizing modules.



- API integration: Techniques for connecting Odoo with external systems.
- Workflow automation: Implementing server actions and scheduled tasks.
- Performance optimization: Best practices for efficient development.

## **Soft Skills Development:**

- Effective communication: Strategies for clear and concise communication in teams.
- Teamwork and collaboration: Techniques for successful group work.
- Problem-solving: Approaches to tackle challenges and find solutions.
- Timemanagement: Skills for prioritizing tasks and meeting deadlines.

## **Internship on Live Projects:**

- Hands-on experience: Applying learned skills to real-world projects.
- Teamcollaboration: Working with experienced professionals to deliver solutions.
- Project dynamics: Understanding client needs and project management principles
- Introduction to Server Management and Overview of Amazon Web Services (AWS).
- Introduction to project management tools like JIRA.

# Who Can Learn?

Our Python/Odoo training course is open to a diverse audience, making it suitable for various individuals

- **Coding Background:** Whether you have prior experience in programming or are new to coding, this course will guide you through essential concepts and practices in Python and Odoo.
- **Non-Coding Background:** If you come from a non-technical background, such as business or management, you will still benefit from understanding how Odoo can enhance business processes.
- **Graduates and Professionals:** Individuals with any degree, including business, engineering, or IT, can find value in this course, as it equips them with practical skills applicable in various industries.
- **Aspiring ERP Developers:** Those interested in a career in ERP solutions will gain critical knowledge and hands-on experience in a rapidly growing field.
- **Entrepreneurs and Business Owners:** Understanding Odoo's functionalities can help you manage your business more effectively and leverage technology for growth.

# Course Advantages

Participating in our training course offers numerous advantages:

- **Hands-On Learning:** The curriculum includes practical exercises, projects, and case studies that facilitate real-world application of skills.
- **Experienced Instructors:** Learn from industry professionals with extensive experience in Python programming and Odoo implementation.
- **Networking Opportunities:** Engage with peers and industry experts, expanding your professional network.
- **Flexible Learning Environment:** Our course accommodates various learning styles, ensuring you grasp both functional and technical aspects effectively.
- **Comprehensive Curriculum:** Covering both Python and Odoo ensures you have a well-rounded skill set that is highly sought after in the job market



# Internship and Real-World Experience

The fourth month of the course focuses entirely on an internship, providing you with the opportunity to:

**Apply Your Skills:** Work on live projects that reinforce the concepts learned during the course.

**Gain Professional Experience:** Collaborate with professionals and contribute to real business challenges.

**Enhance Your Resume:** Having internship experience will make your resume stand out to potential employers.

**Receive Feedback:** Continuous guidance from mentors will help you refine your skills and improve your professional practice



# Career Assistance

Upon completion of the course, we offer:

Resume Building: Guidance on creating an impactful resume tailored to the tech industry.

Interview Preparation: Mock interviews and tips to enhance interview performance.

Job Placement Assistance: Connections with companies seeking skilled professionals in Python and Odoo

# Join Us!

Elevate your career in ERP solutions with our comprehensive Python/Odoo training course. Gain the skills, experience, and confidence necessary to succeed in today's technology-driven business environment



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