



Software Development Programme

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About the Course

This course covers the fundamentals of Python training and SQL. This programme shows you how to apply the skilled learnt to real-world applications. This programme will give you hands-on development experience and prepare you for an exciting career in software development

Programme Outcomes



Industry-recognized course completion certificate



12 hours of Online self-paced learning



Five lesson-end knowledge checks and 1 real-life course-end project



16 hours of instructor-led training



Who Should Enroll in this Programme?

- Software developers
- Programming enthusiasts
- Technical leads
- Architects

Python training

Deviare's comprehensive Python Training Course will teach you the basics of Python, data operations, conditional statements, shell scripting, and Django. This Python certification course will give you hands-on development experience and prepare you for an exciting career as a professional Python programmer.

Key Learning Objectives

- Understand basic Python concepts
- Implement file handling and exception handling techniques
- Understand operators, sets, methods, and dictionaries in-depth
- Run commands by implementing conditional statements, loops, and functions
- Perform shell scripting with Python
- Master Python Django and advanced web development in Python

Course Curriculum

- Lesson 01 - Python Basics
- Lesson 02 - Data Operations
- Lesson 03 - Conditional Statements and Functions
- Lesson 04 - Error Handling and File Operations
- Lesson 05 - Shell Scripting and Django

SQL Training

This course gives you the information you need to successfully start working with SQL databases and make use of the database in your applications. Learn the concepts of fundamental SQL statements, conditional statements, commands, joins, subqueries, and various functions to manage your SQL database for scalable growth.

Key Learning Objectives

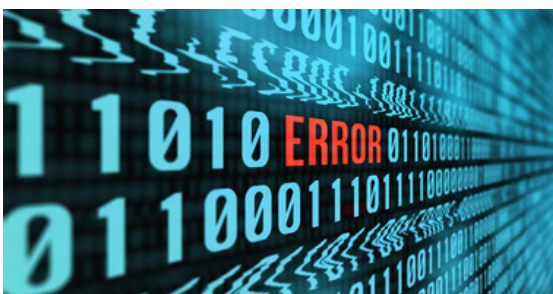
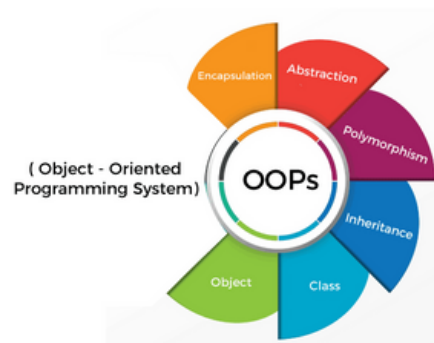
- Understand databases and relationships.
- Use common query tools and work with SQL commands.
- Understand transactions, creating tables, and views.
- Comprehend and execute stored procedures.

Course curriculum

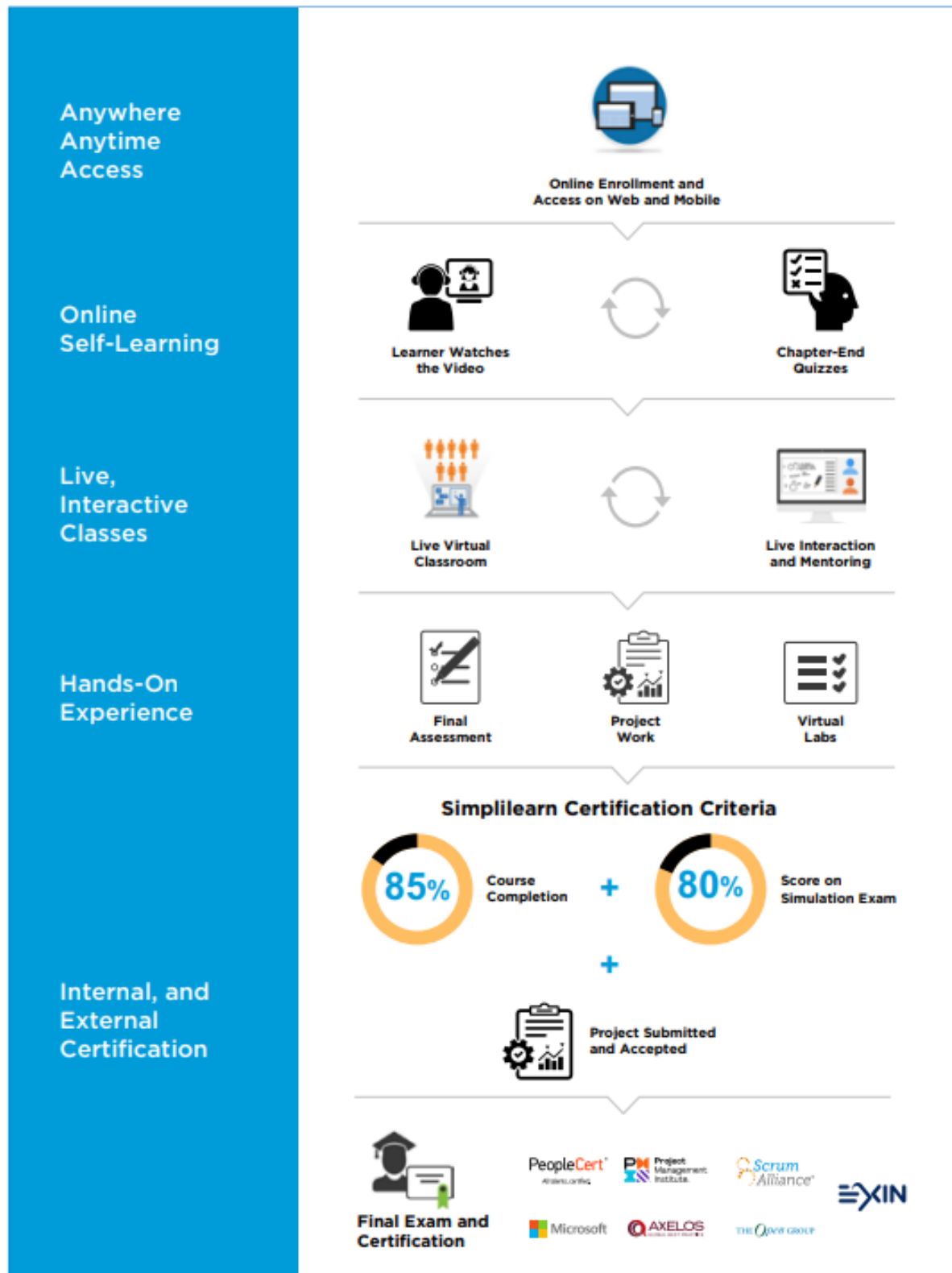
- Lesson 1 - Fundamental SQL Statements
- Lesson 2 - Restore and Back-up
- Lesson 3 - Selection Commands: Filtering
- Lesson 4 - Selection Commands: Ordering
- Lesson 5 - Alias
- Lesson 6 - Aggregate Commands
- Lesson 7 - Group By Commands
- Lesson 8 - Conditional Statement
- Lesson 9 - Joins
- Lesson 10 - Subqueries
- Lesson 11 - Views and Index
- Lesson 12 - String Functions
- Lesson 13 - Mathematical Functions
- Lesson 14 - Date and Time Functions
- Lesson 15 - Pattern (String) Matching
- Lesson 16 - User Access Control Functions

Tools Covered

1. Web scraping
2. Object-oriented programming
3. Operators
4. Methods, Django
5. Indexing, Sets, Dictionaries
6. Conditional statements, Loops
7. Functions, File handling
8. Errors and exceptions and Shell scripting.



Classroom-Level Immersion: Delivered Digitally



Features of Corporate Training:



Tailored learning solutions



Flexible pricing options



Enterprise-grade learning management system (LMS)



Enterprise dashboards for individuals and teams



24X7 learner assistance and support

About us

Deviare is a leader in digital skills training, focused on the emerging technologies that are transforming Africa. Our blended learning approach drives learner engagement. Partnering with professionals and companies, we identify their unique needs and provide outcome-centric solutions to help them achieve their professional goals.

For more information, please visit our website: www.deviare.africa

