



Get's you job ready

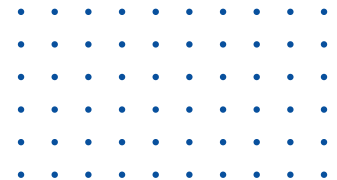
FREE
SCHOLARSHIP
PROGRAM!

DATA ANALYTICS COURSE

3-MONTHS COURSE | OFFLINE CLASSES

997 997 2808

www.growwiseacademy.com



Empower Your Future with **Data Analytics**.

Embark on a journey to master data analytics with Python. Our comprehensive course covers everything from Python fundamentals to advanced data analysis and visualization techniques. Whether you're a beginner or a seasoned professional, this course will equip you with the skills needed to excel in the rapidly growing field of data analytics.

Why choose GroWise Academy?

- **Expert Instructors:** Learn from seasoned professionals with extensive experience in data analytics and Python programming.
- **Hands-on Experience:** Engage in practical projects to apply your learning in real-world scenarios.
- **Comprehensive Curriculum:** Cover all essential aspects of data analytics from basic Python installation to advanced data visualization.
- **Comprehensive Study Materials:** Receive well-organized, printed course materials for ongoing reference and study.
- **Certification:** Earn a certification to boost your credentials and career opportunities.

COURSE CURRICULUM

MODULE 1: Installation of Python

- **Overview of Python:** Explore the history and applications of Python in various fields.
- **Installation:** Step-by-step guide to installing Python software.
- **IDEs and Editors:** Introduction to Python Editors & IDEs such as PyCharm, Jupyter, etc.
- **Script Execution:** Learn different modes of running Python scripts

MODULE 2: Operators and Flow Control

- Operators: Understand Arithmetic, Modulo, Floor Division, Relational, Conditional Logical, and Membership Operators.
- Flow Control: Master Simple If, If-Else, Nested If-Else, and Elif.
- Loops: Implement flow control statements with while and for loops.

MODULE 3: Data Types and Variables

- Data Types: Explore Primitive and Core Data Types, both Mutable and Immutable.
- Data Structures: Get hands-on with Lists, Tuples, Dictionaries, and Sets.
- Functions and Methods: Work with various functions and methods of List and Tuple Data types

MODULE 4: Loops and Functions in Python

- Loops: Delve deeper into While and For loops.
- Functions: Introduction to functions, types of functions and decorators in functional programming.

MODULE 5: OOPS in Python

- OOPS Concepts: Learn about Class and Objects, Encapsulation, Polymorphism, Inheritance.
- Methodology: Understand Method Overloading and Method Overriding

MODULE 6: Exception Handling & Multithreading in Python

- [Exception Handling](#): Use try, except, else, and finally blocks for handling exceptions.
- [Multithreading](#): Introduction to multithreading, with examples using both OOPS and Functions

MODULE 7: File Handling and Comprehension

- [File Handling](#): Introduction to Jupyter Notebook, different modes of modifying files, and working with CSV and JSON files.
- [Comprehension](#): Master List Comprehension in Python.

MODULE 8: Data Analysis with MySQL

- [MySQL Basics](#): Installation, introduction, and working with MySQL, including features, variables, and data types.
- [Database Management](#): Create databases, tables, and views, manage users, and work with various MySQL commands.
- [Advanced MySQL](#): Explore keys, clauses, joins, and functions.

MODULE 9 & 10: PANDAS for Data Analysis

- [Introduction to Pandas](#): Installation and use for data analysis.
- [Data Cleaning](#): Techniques for dealing with duplicates and missing values.
- [Pandas Data Frame](#): Functions, operations, and working with data.
- [Numpy Integration](#): Learn Numpy for advanced mathematical operations and array handling.

MODULE 11: Data Visualization

- [Introduction to Visualization](#): Learn the basics of data visualization.
- [Tools](#): Install and use Matplotlib and Seaborn.
- [Visualization Techniques](#): Create Line Plots, Scatter Plots, Bar Plots, Histograms, and Pie Charts

MODULE 12: Projects

- [Web Scraping with Pandas](#): Flipkart Product Review Project.
- [Data Analysis Projects](#): Work on projects based on JSON files, Django, Covid-19 Data, Titanic Passenger Data, and Zomato Data



Start your journey to becoming a

DATA ANALYTICS EXPERT!

Enroll today and unlock new career opportunities!



Get's you job ready

Call: 997 997 2808
www.growwiseacademy.com

     **@growwiseacademy**