

LEARN DATA ANALYTICS WITH PYTHON LANGUAGE

FOR FUTURE READY PROFESSIONAL

SPEED, ADAPTABILITY, AND PRACTICAL IMPACT



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Transform big data into clear insights — Python makes analytics fast, flexible, and business-ready

ADVANTAGES:

- Gain practical skills you can apply immediately
- Pandas, NumPy, and Scikit-learn cover all analytics needs
- Efficiently processes large, complex datasets
- Create clear charts with Matplotlib and Seaborn
- LMS Access with Practical Labs



Get in touch with us
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For Individual / Institutions / Corporates

Contact Us:

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Data Analytics with Python Language

Module 1: Python Foundations for Analytics

Python setup: Installing Anaconda/Jupyter, environment basics.

Data structures: Lists, dictionaries, arrays, DataFrames.
Basic operations: Import/export, indexing, manipulation.
Hands-on: Load and explore a dataset with Pandas.

Module 2: Data Cleaning & Preparation

Data wrangling: Pandas for filtering, grouping, merging.
Missing values: Imputation, removal, replacement.
Data transformation: Feature engineering, normalization.
Hands-on: Clean and prepare raw business data.

Module 3: Statistical Analysis & Modeling

Descriptive statistics: Mean, median, variance, correlation.
Hypothesis testing: t-tests, chi-square, ANOVA.
Regression models: Linear and logistic regression with Scikit-learn.

Hands-on: Analyze customer behavior dataset.

Module 4: Visualization & Dashboards

Matplotlib basics: Histograms, scatterplots, bar charts.
Seaborn: Advanced, aesthetic visualizations.
Interactive dashboards: Plotly, Dash for real-time visuals.
Hands-on: Build a KPI dashboard with Python.

Module 5: Capstone & Case Studies

Business case study: Apply Python analytics to real datasets.
Team projects: Group analysis and reporting.
Wrap-up: Present polished analytics reports with visuals.



9+ Years of Excellence



15000+ Professionals
Trained



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CISCO, EC Council, AWS,
Google, Certified Learning)



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CUSTOMIZED INDUCTION PROGRAM

- Tailored Curriculum Design
- Role-Specific Training Modules
- Blended Learning Delivery
- Performance Tracking & Feedback
- Certification & Career Readiness

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