Python Data Analyst Training Program

python™

In exclusive association with

A Govt. of India and Govt. of NCT Delhi Co. Initiative
Test Your Skills, Own Your Future

V skills
CERTIFIED

1200+ Trainings | **20,000+** Participants | **10,000+** Brands | **45+** Countries

[Since 2009]

Training partner for Google Partners Academy & Microsoft

Who Is This Course For?

Programers
Willing to learn Python
as 1st Language

Course Highlights

Govt. of India
(Vskills Certified Course)

3 hrs/week Live
Instructor-Led Online Sessions

Lifetime Access To
Updated Content and
Videos

IIT & IIM Faculty

15 days of
Project Work

Placement Support

Personalised Training Program

24X7 Support On
Discussion Forum

Weekly Assignments

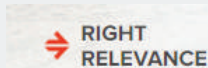Top Data Analytics
Tools covered

Specialize in
R, SAS & Python

Industry's Top
Data Analytics
Advisors

Course Advisors

Vishal Mishra
CEO & Co-Founder

RIGHT RELEVANCE

*Vishal is a Technology influencer and CEO of Right Relevance.
(A platform used by millions for content & influencer discovery)*

*Manas Garg heads the Analytics for Marketing at Paypal.
He takes Data Driven Decisions for Marketing Sucess.*

Manas Garg
Architect

PayPal

Course Instructors

Ajay Ohri has a MBA from Indian Institute of Management Lucknow. In addition he did graduate courses at University of Tennessee, Knoxville. He has written multiple books, Articles & Journals on R for Business Analytics, Python, Approach to Data Science etc.

Lynn has over 25 years of experience in data analysis and problem-solving, including more than ten years at General Electric's Global Research Center, where, among many other projects, she did extensive work in anomaly detection, using large sets of time series data and others.

Course Curriculum

A streamlined range of courses with hands-on-experience to help you learn and implement data analytics for career or business growth.
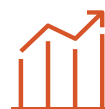
Course: Introduction to Data Analytics

What is Data Science?

Introduction to Data Science
Introduction to Cloud Computing
Introduction to Data Driven Decision Making
Business Strategy Models
Introduction to git and github

Tools and Techniques in Data Science

Introduction to Tools and Technqiues in Data Science
Lifetime Value Analysis
RFM Analysis

Course: Statistics for Data Analysts

Basic Statistics

Central Tendency
Dispersion
Central Limit Theorem
Normalization

Advanced Statistics

Distributions
Probability
Bayes Theorem
Hypothesis Testing

Course: Introduction to Python

Part 1:

Data Structures

Introduction to Jupyter
Other Python Interfaces
Data Structures
   Strings
   Datetime
   Numeric
   Lists
   Tuple
   Dicts
Loops
Functions
Classes

Part 2:

Scientific Packages of Python

Using functions from Packages in Python
Math Package
DatetimePackage
OS Package
SciPy Package
NumPy Arrays
Slicing Arrays
Stacking Arrays
Other Packages

Course: Data Analytics using Python

Introduction to Pandas

Introduction to Pandas
Data Import
Data Inspection
Data Quality
Data Manipulation

Using Pandas for Data Analysis

Data Manipulation
Data Querying
Data Summarizing
Data Exploration
Data Merging

Course: Data Visualization using Python

Data Visualization using Python

Concepts in Data Viz
Grammar of graphics
Tufte and Data Viz
Seaborn and Matplotlib

Course: Machine Learning using Python

Using scikit-learn for supervised learning

Parameter tuning
Diagnostics
Overfitting
Plotting
Data Preprocessing

Using scikit-learn for unsupervised learning

Course: Advanced Data Analytics Techniques using Python

Time Series Analysis
Text Mining
Sentiment Analysis

Social Network Analysis
Deep Learning
Neural Networks

Projects

Project 1: Data Manipulation Project (5 days)

Slice and Dice the dataset related to Credit Card Fraud to extract valuable insights

Project 2: Data Visualization Project (5 Days)

Tableau to "Python"

Project 3: Data Mining Project (5 Days)

Use Data Mining technique to do Predictive Analytics on a Mortgage dataset

Tools

Duration	14 Weeks
Fee	Rs. 29,900+ST

Digital Vidya

Interested? Contact Us!

☎ +91-84680-02880 ✉ info@digitalvidya.com

🌐 www.digitalvidya.com

Attend a Free Orientation Session: http://www.digitalvidya.com/data-analytics-course