DATA ANALYSIS AND VISUALIZATION WITH PYTHON CERTIFICATION

As per International Standards

UNICHRONE

Unichrone Training Advantages

✔ 1 Day Interactive Instructor –led Online/Classroom or Group Training

✔ Course study materials designed by subject matter experts

✔ Mock Tests to prepare in a best way

✔ Highly qualified, expert & accredited trainers with vast experience

✔ Enrich with Industry best practices and case studies and present trends

✔ Data Analysis and Visualization with Python Training Course adhered with International Standards

✔ End-to-end support via phone, mail, and chat

✔ Convenient Weekday/weekend Data Analysis and Visualization with Python Training Course schedule

UNICHRONE

About Unichrone

✔ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.

Guaranteed Quality

Handpicked Trainers

Global Presence

Online Training Option

We've trained professionals across global companies

PHILIPS

AXCESS
FINACIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

baycoat

DUPONT

DASHTI

GlobalSign

TriskeleLabs

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Al Rajhi Bank

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EMERSON

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Importance of Data Analysis and Visualization with Python Training

✓ Data Analysis and Visualization with Python Certification is oriented towards increasing the proficiency of professionals in implementing Data Visualization techniques using Python in business intelligence. Certification equips individuals with enhanced knowledge of Python programming techniques as well. Furthermore, with the aid of info-centric Python packages professionals can make data-driven decisions to improve organizational efficiency. Data Visualization Certification can calibrate organizations to create unambiguous and precise visual representations of data.

✓ Data Analysis with Python Training bestows caliber and awareness for professionals in all facets of Data Analysis and Visualization. The course provides detailed knowledge of the importance of Python environment and data cleaning and manipulation techniques. Furthermore, it focuses on all key topics, such as using Data Visualization techniques in decision-making. It calibrates an individual with an in-depth awareness of data collection structures and methods of data gathering and cleaning.
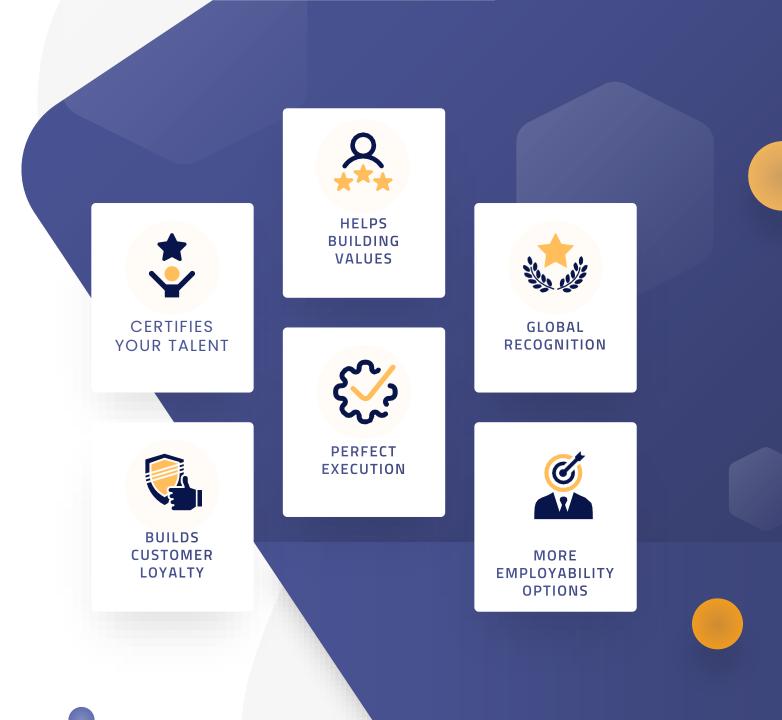
ELIGIBILITY CRITERIA

✔ Aspirants need not meet any requirements to pursue Data Analysis and Visualization with Python Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

✔ Any individual who wants to gain skills to understand Data Analysis can enroll in the Data Analysis and Visualization with Python Training course.

Syllabus of Data Analysis and Visualization with Python Training

Lesson 01 – Introduction to Data Science with Python
1. Stages of Data Science
2. Why Python?
3. Python Environment and Editors
4. Fundamental Python Programming Techniques
5. Data Cleaning and Manipulation Techniques
6. Abstraction of the Series and Data Frame
7. Running Basic Inferential Analyses

Lesson 02 – Importance of Data Visualization in Business Intelligence
1. Shifting from Input to Output
2. Importance of Data Visualisation
3. Why do Modern Businesses Need Data Visualisation?
4. Future of Data Visualisation
5. How Data Visualisation is Used for Business Decision-Making?
6. Data Visualisation Techniques

Syllabus of Data Analysis and Visualization with Python Training

Lesson 03 – Data Collection Structures
1. Lists
2. Dictionaries
3. Tuples
4. Series
5. Data Frames

Lesson 04 – File I/O Processing and Regular Expressions
1. File I/O Processing
2. Regular Expressions

Syllabus of Data Analysis and Visualization with Python Training

Lesson 05 – Data Gathering and Cleaning
1. Cleaning Data
2. Reading CSV Data
3. Join and Merging Data

Lesson 06 – Data Exploring and Analysis
1. Series Data Structures
2. Data Frame Data Structures
3. Data Analysis

Syllabus of Data Analysis and Visualization with Python Training

Lesson 07 – Data Visualisation

1.	Direct Plotting
2.	Seaborn Plotting System
3.	Matplotlib Plot

Exam Format of Data Analysis and Visualization with Python Certification

Examination Format	
Exam Name	**Data Analysis and Visualization with Python Exam**
Exam Format	Multiple Choice
Total Questions & Duration	30 Questions, 1 Hour
Passing Score	Minimum passing score of 70%
Exam Cost	Included in training fee

To get you fully prepared with the knowledge and skills for Data Analysis and Visualization with Python, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the Data Analysis and Visualization with Python exam.

Contact Us

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