DATA VISUALIZATION AND ANALYTICS USING PYTHON

DURATION
5 Days

SESSION DURATION
6 hours per day

WHEN
June 3rd to 7th 2024

WHERE
Online

OVERVIEW

Data visualization and analytics are essential skills for professionals working with data. This Management Development Programme (MDP) is designed to provide participants with practical skills in data visualization and analytics using Python. The programme will cover various data visualization techniques, data analysis tools, and libraries in Python, enabling participants to gain insights from data and communicate their findings effectively.

DAY-WISE TOPICS

Day 1: Introduction to Data Visualization and Analytics
- Overview of data visualization and analytics
- Introduction to Python for data analysis
- Basic data handling and manipulation in Python

Day 2: Data Visualization with Matplotlib
- Introduction to Matplotlib for data visualization
- Customizing plots with Matplotlib
- Advanced plotting techniques with Matplotlib

Day 3: Data Analysis with Pandas
- Introduction to Pandas for data analysis
- Data manipulation and cleaning with Pandas
- Grouping and aggregation with Pandas

Day 4: Advanced Data Analytics with Python
- Introduction to statistical analysis with Python
- Hypothesis testing and confidence intervals
- Regression analysis with Python

Day 5: Case Studies and Practical Applications
- Real-world case studies of data visualization and analytics in Python
- Practical exercises to reinforce learning
- Q&A and discussion on data visualization and analytics challenges

KEY BENEFITS
- Gain practical skills in data visualization and analytics using Python
- Learn how to analyze data and extract insights using Python libraries
- Understand best practices for designing and presenting visualizations
- Acquire hands-on experience through practical exercises and case studies
- Network with industry experts and peers in the field of data visualization and analytics

WHO SHOULD ATTEND
- Data analysts
- Business analysts
- Data scientists
- Anyone interested in learning data visualization and analytics using Python

FACULTY
The programme will be conducted by experienced data visualization and analytics professionals and Python programming experts.

CERTIFICATION
Participants will receive a certificate of completion at the end of the programme.

FEES
INR 25,500/- PLUS 18% GST (if applicable)

REGISTRATION
Limited seats available. Register now to secure your spot in this transformative programme.

CONTACT INFORMATION
For inquiries and registration, please contact: **PROF. (DR.) BRAJESH KUMAR**

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