

DATA VISUALIZATION USING PYTHON

DURATION

5 Days

SESSION DURATION

6 hours per day

WHEN

July 8th to 12th 2024

WHERE

Online

OVERVIEW

Data visualization is a powerful tool for understanding and communicating complex data. This Management Development Programme (MDP) is designed to provide participants with practical skills in data visualization using Python. The programme will cover various data visualization techniques and libraries in Python, enabling participants to create effective visualizations for data analysis and decision-making.

DAY-WISE TOPICS

Day 1: Introduction to Data Visualization and Python

- Overview of data visualization
- Introduction to Python for data visualization
- Basic plotting with matplotlib

Day 2: Advanced Plotting Techniques

- Customizing plots with matplotlib
- Plotting with seaborn
- Interactive plotting with Plotly

Day 3: Data Visualization Best Practices

- Choosing the right visualization for your data
- Design principles for effective visualizations
- Storytelling with data

Day 4: Geographic Data Visualization

- Plotting geographic data with geopandas
- Creating interactive maps with folium
- Spatial data analysis and visualization

Day 5: Case Studies and Practical Applications

- Real-world case studies of data visualization in Python
- Practical exercises to reinforce learning
- Q&A and discussion on data visualization challenges

KEY BENEFITS

- Gain practical skills in data visualization using Python
- Learn how to create effective visualizations for data analysis and decision-making
- 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

WHO SHOULD ATTEND

- Data analysts
- Business analysts
- Data scientists
- Anyone interested in learning data visualization using Python

FACULTY

The programme will be conducted by experienced data visualization 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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