COURSE SYLLABUS

Python Data Visualization & Interactive Dashboards

Analyze data with NumPy and pandas, visualize it with Matplotlib, Seaborn, and Plotly, and build interactive dashboards with Dash.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://training-nyc.com/courses/python-data-visualization



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Course Outline

Conducting Advanced Exploratory Analysis

- NumPy array
- Array containers
- Indexing on an array
- Broadcasting
- Reshaping
- Universal functions
- Series
- DataFrame
- Slicing DataFrame
- Filtering DataFrame
- Understanding JSON
- Working with APIs

Building Dashboards and Visualizing Data

- Dash Callbacks
- Client Callbacks
- Pattern Callbacks
- Dash core components
- Date Picker
- Date Range
- More Dash Components
- Graph

- Dash HTML Components
- Dash Styling

Presenting Information with Conviction and Persuasion

- Dash Styling
- Dash and Bootstrap
- Creating your own Components
- Deployment
- Make a live presentation