COURSE SYLLABUS

Python Data Visualization & Interactive Dashboards

Manipulate and visualize data in this hands-on course, where you'll learn about data stories, dashboard design and Python's most important data visualization libraries.

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



hello@nobledesktop.com • (212) 226-0884

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