COURSE SYLLABUS

Python for Data Science Masterclass

Learn beginner and advanced Python programming skills for data science in this hands-on masterclass.

> 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-science-masterclass



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Course Outline

This package includes these courses

- Python for Data Science Immersive (30 Hours)
- Advanced Python for Data Science Bootcamp (30 Hours)

Python for Data Science Immersive

- Handle different types of data, such as integers, floats, and strings
- Control the flow of your programs with conditional statements, loops, and functions
- Reuse and simplify code with object-oriented programming
- Analyze tabular data with Numpy and Pandas
- Create graphs and visualizations with Matplotlib
- Make predictions with linear regression, using scikit-learn

Advanced Python for Data Science Bootcamp

- Learn advanced Python programming and data science techniques & tools
- Work with advanced functions like map() and filter()
- Integrate nested loops & global variables into your coding
- Use Jupyter Notebook's interactive UI elements & integrate SQL
- Perform linear & polynomial regression analysis
- Create visualizations to display data efficiently
- Extract data from online sources with web scraping