COURSE SYLLABUS

Python Certification (Self-Paced)

Unlock the power of Python for data-driven decision-making as you master Python programming fundamentals and dive into data analysis. Acquire essential skills to clean and manipulate data, create insightful visualizations, and perform statistical analysis, all through hands-on projects with real-world datasets.

> Group classes (Live Online) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/certificates/python-certification-self-paced



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Course Outline

This package includes these courses

Python for Data Science Course Online (Self-Paced) (30 Hours)

Attend one of the courses below for free as part of this certificate. Choose your date after you register for the program.

- Python for AI Course Online (Self-Paced)
- Python Machine Learning Course Online (Self-Paced)
- Python Data Visualization & Interactive Dashboards Online (Self-Paced)

Python for Data Science Course Online (Self-Paced)

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- 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