

# 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.

For more information, visit

<https://cl2.nobledesktop.com/learning-path/python-certification-self-paced>



[support@creativelive.com](mailto:support@creativelive.com) • [302-217-6585](tel:302-217-6585)

## 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)

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.

- 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