COURSE SYLLABUS

Python Data Science & Machine Learning Bootcamp

Analyze data with Python and SQL, create visualizations, and build machine learning models. Apply programming and statistical concepts through practical projects.

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



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Course Outline

This package includes these courses

- Python for Data Science Bootcamp (30 Hours)
- Python Machine Learning Bootcamp (30 Hours)
- Python for Automation (6 Hours)
- Python Data Visualization & Interactive Dashboards (30 Hours)

Python for Data Science Bootcamp

Learn the fundamentals of Python and object-oriented programming in this 5-day intensive course. You'll gain a solid understanding of Python, with a strong emphasis on using libraries and frameworks for data science.

Python Machine Learning Bootcamp

Build and evaluate machine learning models in Python. Practice preparing data, selecting features, and comparing model performance.

Python for Automation

Learn Python web scraping and automation. Write scripts, collect website data, handle errors, and schedule recurring tasks.

Python Data Visualization & Interactive Dashboards

- Plan & present a data story
- Gather and manipulate data from different sources
- Find data stories through exploratory data analysis
- Manipulate data with NumPy and pandas.

- Use advanced Python visualization libraries Plotly and Dash
- Build a dashboard
- Apply the rules of effective dashboard design to create professional data science solutions
- Go live with your project & deploy the dashboard on a live server