

# PYTHON203: Data Manipulation and Visualisation in Python

Python has deservedly become a popular language for scientific computing. It has all the friendly features and conveniences you'd expect of a modern programming language, and also a rich set of libraries for working with data.

We teach using Jupyter notebooks, which allow program code, results, visualisations and documentation to be blended seamlessly.

Join us for this live coding workshop where we write programs that produce results, using the researcher-focused training modules from the highly regarded Software Carpentry Foundation.

## Learning Outcomes

- Data Manipulation using the Pandas library.
- How to combine/merge data in Python.
- Visualisation in Python using the Seaborn and the Matplotlib libraries.
- How to blend code, output and documentation with Jupyter notebooks

## Prerequisites

A good knowledge of the basic concepts and techniques in Python. Consider taking our [Introduction to Programming in Python](#) course to come up to speed beforehand.