PELAGOS
Consulting and Education

Python for spreadsheets and databases

Connect Python to databases and spreadsheets

Syllabus

This is course is designed for intermediate Python users and those who have registered for the basic course Getting started with Python. We will explore the Pandas and SQLAlchemy libraries and how they can be useful for:

1. Getting data in and out of Excel spreadsheets
2. Processing data by row and column in a Pandas dataframe
3. Plotting time-series data
4. Connecting to relational databases in a way that transcends the myriad of SQL dialects
5. Building and dropping tables
6. Running SQL queries and filtering results
7. Getting information in to and out of relational databases using the SQLAlchemy Object Relational Mapper

Experience level

For intermediate users and higher.

Course delivery and logistics

All of our workshops are taught by example from instructors that really care about you and your staff, with close attention paid to maximising educational value. Each day of training is approximately 6 hours of engagement plus breaks, and some workshops may span over multiple days. With regard to logistics we have a number of options available including:

- On premises, where we come and teach the course using your facilities (additional cost).

- Online via video conferencing (available worldwide).

In order to keep the educational quality high we keep class sizes in the range of 1-16 participants. A workshop can be repeated for as many times as necessary to cover your training needs. This workshop may be combined with our other course offerings to create a tailored "boot camp" experience spanning several days.

Ready to commit?

So great to go on this journey with you! Click on the links below to enrol in a course or send us an email. We will be in touch soon to discuss logistics!

Enrol in Course | Email Pelagos