



Introduction





Course Introduction

- Administration
- Introduction
- Objectives
- Assumptions
- Delivery

This short chapter will introduce you to the course, and what it sets out to achieve. We hope that the course will be both enjoyable and useful to you.

Administration

- Fire
- Name cards
- Materials
- Timing
 - Lunch
 - Breaks
- Comfort
 - Chairs
 - Display
 - Heating
- Smoking
- Help desk

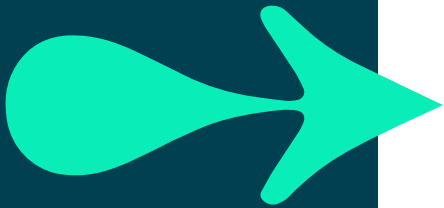
We need to deal with practical matters right at the beginning.

Above all, please ask if you have any problems regarding the course or practical arrangements. If we know early on that something is wrong, we have the chance to fix it. If you tell us after the course, it's too late! We ask you to fill in an evaluation form at the end of the course. If you identify a problem for the first time on the form, we have not had the opportunity to put it right.

If you have special dietary requirements please ensure that the instructor is aware of them.

If this course is being held at your company's site, much of this will not apply or will be outside our control.

COURSE OBJECTIVES



By the end of the course you will:

- Learn how to start programming using Python
- Learn the SQL language
- Perform Database operations using Python

The aims and objectives of the course are listed above. If you are interested in additional topics that aren't mentioned here, the instructor may be able to cover these off line on an individual basis. Please feel free to ask the instructor for further information.

The course assumes:

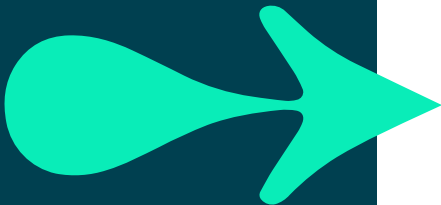
- Have some coding experience.
 - A Level or other qualifications
- Or have some previous experience of coding

Assumptions



COURSE DELIVERY

- Course material
- Lecture material
- Practical sessions
- Questions and exercises
- Refreshments



The benefits from having the slides and notes such as this attached to the workbooks is that it enables the instructor to talk about the main points in hand, without having to go into every last detail. You will often find additional examples and supplementary material within the notes. It is hoped that this “slides and notes” format provides a more useful reference after the course has finished. Several chapters will culminate in practical exercises that help you to fully comprehend the elements covered in the chapter. Model solutions will be provided for these exercises, to help consolidate your understanding, as well as give you the opportunity to experiment with your own new ideas, if you so wish. We will aim to cover the essential concepts, but please feel free to ask questions about more advanced topics.

A course should be:

- A two-way process
- A group process
- An individual experience

The Training Experience

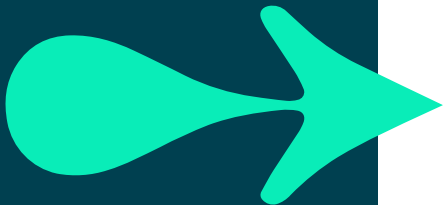


The best courses are not about an instructor pontificating at the front of the class. Things get more interesting if there is dialogue, so please feel free to make comments or ask questions. At the same time, the instructor has to think of the whole group, so if you have many queries, he or she may ask to deal with them offline.

Work with other people during the practical sessions. The person next to you may have the answer, or you may know the remedy for the problem that your neighbour is having. The instructor is not the sole provider of answers; indeed, he or she reserves the right not to know everything, and on occasions, may have to find an answer and come back to you.

We are also individuals. We work at different paces, and may have special interests in particular topics. The aim of the course is to provide a broad picture for all. Do not be dismayed if you do not appear to complete exercises as fast as the next person. The exercises are there to give plenty of practical opportunities; they do not have to be finished, and you may even choose to focus for a long period on the topic that most interests you. If you have finished early, there is a great deal to investigate in the world of the PC. Such hacking time is valuable. You may not get the opportunity to do it back in the office!

PLEASE SAY A FEW WORDS ABOUT YOURSELF...



- **Name, company and job**
- **Experience of:**
 - Programming, Python, SQL
- **What you do for fun!**

Attending a training course can sometimes be a daunting experience, especially if you are the only person from your company in the classroom. Some might argue that this separation from the workday regime is one of the advantages of attending a course in the first place!

QA may already have information about you and your interests if you have returned a course pre-qualification form. However, the rest of the group does not know you, except perhaps for a colleague who is also on the course. One of the great benefits of courses is meeting other people. They may have similar interests (certainly client/server, we hope), have encountered similar problems and even found the solution to yours. The contacts made on the course can be very useful. It is useful for us all to be aware of levels of experience. People in the group may have specialised experience that will be helpful to others.

It is worth highlighting particular interests, as we may be able to address them during the course. However, it is a general course that aims to cover a broad range of topics, so the instructor may have to deal with them offline, perhaps in a coffee break or over lunch.



Any Questions?

The golden rule for the course is: *If in doubt, ask!* No matter how trivial or obscure the question, the instructor will be only too pleased to answer during the course. More advanced issues can be dealt with on a one-to-one basis, where appropriate.



Thank you

