



Section 1.1 How This Course Is Structured

Purpose: Teach how Python interacts with databases – with MySQL as target database

Prerequisite: It is assumed that you already know basic Python 3 programming and how to work with HTML source code.

Each module will teach you the specific Python module and MySQL syntax necessary to complete the programming assignment for that module. I encourage you to further your studies after the course is complete as both Python and MySQL are very powerful and can do much more than what is taught here.

You should then attempt to write the portion of the project discussed on your own before looking at the answer because programming is best learned by writing code.

Each module will end by reviewing and explaining the code that was created for that section to reinforce the material that was taught in the lesson.

Section 1.2 The Main Project



The Project: Basic web based inventory management and order system:

- **Manage inventory**
- **Manage customer orders and returns**
- **Generate reports**

Note: There are many ways to code the project. In coding the project, I used a few different styles/methods to do similar things to give you a broader exposure to the language.

Now let's walk through the project specification (attached to this lesson as a PDF file)