

Week 1

1. Reading: Welcome to Python Data Structures

Youtube link :

<https://www.youtube.com/playlist?list=PLIRFEj9H3Oj7Bp8-DfGpfAfDBibIRfI5p>

Welcome to Python Data Structures, the second class in our Python for Everybody Specialization. We have built these classes specifically for those with no prior programming experience. With a relatively simple book, and basic exercises that focus on the core concepts of programming, we hope that you will have a solid understanding of the topics in this course and be well prepared to take the rest of the courses in the specialization.

We assume that you have completed the previous course in the sequence before starting this class. If you find yourself needing some review, please go back and review the material in [Getting Started with Python](#).

We expect that someone who has the necessary background will take between 2 and 6 weeks to complete the course, depending on prior skill level in programming. Please take your time and learn these concepts well, as there is little value rushing towards the later classes in our specialization without proper preparation.

2. Textbook

Printed copies of "**Python for Everybody: Exploring Data In Python 3**" are available for \$10 or less from Amazon and \$2 or less on Kindle:

- [Amazon](#) / [Kindle](#)

Here are **free** copies of the book in various formats available at:

- <https://www.py4e.com/book>

You can download all of the sample Python code from the book as well as licensed course materials from <http://www.py4e.com/materials>.

This course is in Python 3 and the textbook for this class is in Python 3. Prior to July 2017, this course was taught in Python 2 with the textbook "**Python for Informatics: Exploring Information**". This earlier Python 2 book has translations into Spanish, Korean, and Chinese. The Python 2 book and its translations are still available at the www.pythonlearn.com web site.

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