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Jessica George

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.

Syllabus - What you will learn from this course

WEEK



4 hours to complete

1

Chapter Six: Strings

In this class, we pick up where we left off in the previous class, starting in Chapter 6 of the textbook and covering Strings and moving into data structures. The second week of this class is dedicated to getting Python installed if you want to actually run the applications on your desktop or laptop. If you choose not to install Python, you can just skip to the third week and get a head start.



7 videos , 7 readings, 2 quizzes SEE ALL

WEEK



3 hours to complete

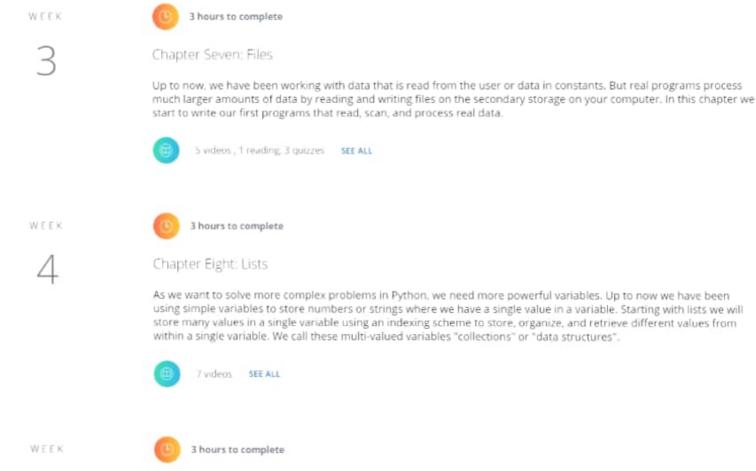
2

Unit: Installing and Using Python

In this module you will set things up so you can write Python programs. We do not require installation of Python for this class. You can write and test Python programs in the browser using the "Python Code Playground" in this lesson, Please read the "Using Python in this Class" material for details.



5 videos , 2 readings, 2 quizzes SEE ALL



Chapter Nine: Dictionaries

The Python dictionary is one of its most powerful data structures. Instead of representing values in a linear list, dictionaries store data as key / value pairs. Using key / value pairs gives us a simple in-memory "database" in a single Python variable.

1 videos SEE ALL

2 hours to complete

Chapter Ten: Tuples

Tuples are our third and final basic Python data structure. Tuples are a simple version of lists. We often use tuples in conjunction with dictionaries to accomplish multi-step tasks like sorting or looping through all of the data in a dictionary.

6 videos SEE ALL

1 hour to complete

Graduation

To celebrate your making it to the halfway point in our Python for Everybody Specialization, we welcome you to attend our online graduation ceremony. It is not very long, and it features a Commencement speaker and very short

WEEK

WEEK

commencement speech.

2 videos, 2 readings SEE ALL