

## ✓ Strings, Lists and Dictionaries

▶ 1h 7m of videos left    Ⓜ 2h 50m of readings left    Ⓜ 1 graded assessment left

In this module you'll dive into more advanced ways to manipulate strings using indexing, slicing, and advanced formatting. You'll also explore the more advanced data types: lists, tuples, and dictionaries. You'll learn to store, reference, and manipulate data in these structures, as well as combine them to store complex data structures.

### Learning Objectives

- Manipulate strings using indexing, slicing, and formatting
- Use lists and tuples to store, reference, and manipulate data
- Leverage dictionaries to store more complex data, reference data by keys, and manipulate data stored
- Combine the String, List, and Dictionary data types to construct complex data structures

### ^ Hide Learning Objectives

## ✓ Strings

▶ Basic Structures Introduction  
Video • 1 min

▶ What is a string?  
Video • 2 min

▶ The Parts of a String  
Video • 4 min

Ⓜ String Indexing and Slicing  
Reading • 10 min

▶ Creating New Strings  
Video • 6 min

Ⓜ Basic String Methods  
Reading • 10 min