

Intro Python: Fundamentals

This course, when complete, will teach you the basics of Python syntax and data structures. In particular, we'll discuss:

- Indentation and blocks
- Conditionals (with if/elif/else)
- None
- Booleans
- Boolean context
- Numbers (int and float)
- Strings (including indexes, slices, numerous methods, immutability, different types of strings)
- Lists (including indexes, slices, numerous methods, mutability, and typical uses)
- Tuples (including indexes, slices, methods, immutability, and typical uses)
- Unpacking
- Dicts (including keys, numerous methods, iteration over a dict, mutability, and typical uses)

As of this writing (in November 2018), I've recorded about 3 hours of video. I expect that the entire course will be about 8 hours of video. There will also be numerous exercises, to help you understand these topics better.

If you have been using Python for less than a year, then this course will almost certainly teach you things you didn't know about how to work with these data structures.