

Python Data Types

After learning about variable initialization and assignment, you should be aware that data types are serious business. They can determine the success or failure of your project. Therefore, you should know them extremely well. This document should serve as a quick reference guide for the data types we will be using most often in this class. Research each of the terms below and write their definitions in the boxes below

str :

Basic text in python. IE, "I love Python" or "Python rules"

Integer:

Numeric values that can be stored, manipulated, and expressed without quotation marks. IE:
`x = 3`

float:

"Floating Point Number", any rational number usually used with decimals such as 2.8 or 3.1415

list:

A list without a fixed number of elements. ie `x=[1,2,3]` note the square brackets, a list

tuple:

A list with a fixed number of elements. ie `x=(1,2,3)` parentheses makes it a tuple.