

## Introduction to Python

# Glossary

argument	input to a function
assignment	the binding of a value to a name, producing a variable (same as 'initialize')
attribute	the name that follows an object after a period
block	one or more lines of code that are indented together
bool	the name of the True/False type
builtin	the kind of variable that is automatically available in any program
call	the activation of a function (marked by the presence of parentheses)
concatenate	adding two strings or two container sequences together
conditional	a if, elif or else expression
container	object (list, set, tuple etc.) that holds other objects
csv	the acronym for a file structured with commas between fields and newline characters between lines
delimiter	the character used to separate fields in a CSV row
extract	the term represented by 'E' in the acronym ETL
function	a callable 'macro' in Python (such as len(), exit(), input(), etc.
global	the kind of variable that is defined outside any function
immutable	unchangeable, i.e. an object whose value cannot be changed
index	the integer that indicates single item access of a list or tuple
initialization	the binding of a value to a name, producing a variable (same as 'assign' or 'assignment')
iterable	an object that can deliver individual items one at a time
iterate	loop through, or visit each item in a container
JSON	JavaScript Object Notation
literal	a value written out directly in our code
load	the term represented by 'L' in the acronym ETL
local	the kind of variable that is defined inside a function
loop	a block that executes repeatedly
lower bound	the starting index of a slice
membership	the term used to indicate if an item is in a container
method	a function that belongs to a specific object type
module	another Python script that we import into our script
mutable	changeable, i.e. an object whose value can be changed
newline	the character that marks the end of each line in a text file
object	a value of a particular type with type-specific functionality
operator	a symbol used to process objects (like math) or for assignment
ordered	container that holds its items in a specific sequence
package	a module (importable python code) in the form of several files in a folder
parse(ing)	the separating out data values from a formatted file
rais(eling)	creating an error condition



range	incremental sequence of integers (0-3, 4-9, etc.)
relation	a 'tabular' or table-based or -formatted dataset
return value	a function's output
slice	a part of a string selected by character position
subscript	the feature used to access one item in a list
transform	the term represented by 'T' in the acronym ETL
type	an object's being an int, float, str, etc.
unordered	container that holds its items in no particular sequence
upper bound	the ending index of a slice
variable	a named value (like 'var1' or 'var2')
whitespace	the term used to refer to spaces, tabs and/or newlines