

Python Data Types

	Type	Ordering	Mutability	Elements	Examples
Scalar types	integer	N/A	immutable	N/A	0, 2, -3
	float	N/A	immutable	N/A	0.0, 2.4, -3.5
	boolean	N/A	immutable	N/A	True/False
Sequence types	string	ordered	immutable	characters	"", "a", 'Abc', "node's name"
	tuple	ordered	immutable	anything	(), ('a',), (2, [2,3], ("hi", 4))
	list	ordered	mutable	anything	[], ['a'], [[1, "b"], ["a"]]
	set	unordered	mutable	Immutable, no duplicates	set() prints → set([]), {'a'} prints → set(['a']), set([1,2]) (can create from a list) → set([1,2])
	dict (aka map, hashmap)	unordered	mutable	Keys: immutable, no duplicates Values: anything	{}, {'a':5, 'b':4, 'c':1}, {1121:["a", "b"], 345:["c", "d"]}