

Mastering Machine Learning with Python

(27th Aug 2024 - 18th Oct 2024)

Name	Type	Description
Integers	int	Whole numbers, such as: 3 300 200
Floating point	float	Numbers with a decimal point: 2.3 4.6 100.0
Strings	str	Ordered sequence of characters: "hello" 'Sammy' "2000" "楽しい"
Lists	list	Ordered sequence of objects: [10,"hello",200.3]
Dictionaries	dict	Unordered Key:Value pairs: {"mykey": "value", "name": "Frankie"}
Tuples	tup	Ordered immutable sequence of objects: (10,"hello",200.3)
Sets	set	Unordered collection of unique objects: {"a","b"}
Booleans	bool	Logical value indicating True or False

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Character:	h	e	l	l	o
Index :	0	1	2	3	4
Reverse Index:	-5	-4	-3	-2	-1

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Slicing allows you to grab a subsection of multiple characters, a “slice” of the string.

Syntax: **[start:stop:step]**

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start is a numerical index for the slice start

stop is the index you will go up to **(but not include)**

step is the size of the “jump” you take.

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