Suggested websites for Python quality coding and best practices

Brief Description (including topic covered)	Resource Type	Hyperlink	Justification of Usefulness & Quality	Improvement suggestions
A BOBP Guide for Python (naming, indentation, etc.)	Guide	https://gist.github.com/sloria/7001839	Community rated and critiqued. References all sources.	Update it more frequently to have information about newer versions of Python.
Overall guide for python programming. Ranging from beginner to advanced levels.	Guide/ Documentation	https://docs.python-guide.org/	Well referenced. Discusses why the best practices given are justified.	Make beginner and advanced level content more differentiable.
Full detailed coding style guide by Python.org (naming conventions, comments, readability)	Documentation	https://www.python.org/dev/peps/pep-0008/	It's the official python code styling guide.	Code examples could be formatted better to be distinct from the rest of the text.

Variables

Variable assignment	x = 5
Calculations	x + 2 >>> 7
	x – 2 >>> 3

Datatypes

str()	“hello”
int()	5
float()	3.1
bool()	True, False

Help ☹

Help	help(str)

Libraries

Import libraries	import antigravity
	import antigravity as ag
Selective import	from math import pi

Lists/Arrays

Declare lists	my_list = []
	my_list = [‘Hello’, 5, 3.0]
	my_list = [[5, 6], 4, [‘Hi’]]
Subset	my_list[1] my_list[-3]
Slices	my_list[1:2] my_list[:2]

Functions

Declare function	def my_function():
	def my_function(args):
Calling functions	my_function()
	my_function(‘Hello’)
Built in functions	print(‘Hello World!’) len(my_list)

Comparisons

Equality/Inequality	5 == 5 >>> True 5 is 5 >> True 5 != 5 >> False ‘Word’ is not ‘Word’ >> False

Greater/Less	5 > 4
	>>> True
	3 > 5
	>>> False
	3 >= 3
	>>> True
	3 < 5
	>>> True
	3 <= 1
	>>False