

Python Style Guide (Based of the PEP 8 style guide):

1. 4 Space Indentation
2. Maximum line length of 79 Characters
3. Line breaks BEFORE binary operators when applicable
4. Use blank lines to separate functions. 2 for classes, 1 for functions, use sparingly in functions to separate logical sections
5. Imports are all on separate lines
6. Double quotes for strings
7. Avoid extraneous white space, but do use a single space between operators, (ie `z = x + y` rather than `z=x+y`)
8. Comments should be complete sentences, use in-line comments sparingly.
9. File names and Class names should be in CamelCase
10. Variable names and function names should be in snake_case
11. Variable and function names should be descriptive, avoid single letter variables
12. Avoid using the '+' operator for string concatenation
13. Use Doc Strings at the top of every function to define what the function does