

Errata for
Python Programming and Visualization for Scientists - 2nd Edition
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This page documents known errors. To reduce the potential for confusion, instructors assigning this book are encouraged to distribute this page to their students. An up-to-date copy can be found on the 'Resources' page of this book at www.sundogpublishing.com

If you find errors not listed here, please send a message describing the error to feedback@sundogpublishing.com.

- p. 27:** In the second shaded box the `zip()` functions should be arguments to the `list()` function, as is correctly done in the first shaded box.
- p. 34:** In the shaded box at the bottom of the page there should only be a single backslash in front of the newline character when defining the raw string.
- p. 41:** Midway down in the text the `sys.getdefaultencoding()` function is incorrectly listed as `sys.defaultencoding()`.
- p. 43:** In Sec. 4.1.2 it is incorrectly stated that truncating division returns the nearest whole number. It actually returns the nearest integer that is closest to zero (it essentially drops any of the decimal values).
- p. 74:** In the third-from-last and second-from-last lines in the code example the variable `in` should be `inches`.
- p. 157:** In the last sentence of the fourth paragraph `size=(w, h)` should instead be `figsize=(w, h)`.
- p. 179:** In the code example there should be an additional keyword `shading='auto'` within the call to `pcolormesh()`. This keyword must be used if the optional position arrays `x` and `y` have the same dimensions as the data array `z`.
- p. 183:** In Sec. 12.4.1 the text prior to the code example should have `cs = plt.contourf(z)` and `cb = plt.colorbar(cs)`.
- p. 185:** In the code example there are three places where text appears between the characters `!|` and `!|`. These characters were not meant to appear in the text, and those portions of text were meant to appear as bold and underlined.
- p. 186:** In the code example there is one place where text appears between the characters `!|` and `!|`. These characters were not meant to appear in the text, and those portions of text were meant to appear as bold and underlined.
- p. 196:** In the last sentence `ax.contourf()` should read `ax.contour()`
- p. 197:** In the third bullet `Figure.save_fig()` should be `Figure.savefig()`
- p. 204:** In the first sentence `zet_zlabel()` should read `set_zlabel()`
- p. 205:** The keyword `linewidth` in the `ax.contour()` should be plural `linewidths`.
- p. 299:** In the first code example in Sec. 21.5 there is a missing comma after `"a random string"`.