Errata: Python for Programmers

# First Printing Errata

# Chapter 1

* Page 6, Section 1.3 last bullet: *“*most widely data-science languages” should be *“*most widely used data-science languages”

# Chapter 5

* Page 101, 6th Objectives bullet: “and the functional-style programming operations” should be “and the operations”
* Page 105, in the paragraph below snippet 27: “difference sequence types” should be “different sequence types”
* Page 117, Snippet 12, search\_key should be key.
* Page 125, starting with the second snippet number 7, snippets 7-11 should be 8-12, and under the heading **Combining Iterables into Tuples of Corresponding Elements**, “snippet [11]” should say “snippet [12].”
* Page 125, Snippet 8 (in the updated numbers from the previous bullet)  
  reversed\_numbers = [item for item in reversed(numbers)]  
  should be  
  reversed\_numbers = [item \*\* 2 for item in reversed(numbers)]

# Chapter 6

* Page 143: Snippet [12]’s output should be   
  December February January March

# Chapter 7

* Page 179, under the heading **Accessing a Series’ Elements**: “by via” should be “via”
* Page 185, snippets [23] and [24] should say grades.iat[1, 1]

# Chapter 8

* Page 194, Section 8.2.2, “right0-aligns” should be “right-aligns”.

# Chapter 10

* Page 280, 2nd bullet: “StandardErrors” should say “Exceptions.”
* Page 291, First line under the heading **Built-In Namespace**: In “The built-in namespace contains associates identifiers” delete “contains.”
* Page 299 footnote 24: “with a more” should be “with more”
* Page 300: The table heading, “Sources time-series dataset” should say, “Time-series dataset sources”

# Chapter 11

* Page 329, Section 11.9, 3rd bullet: “UCIs” should be “UCI’s”

# Chapter 12

* Page 333, last line of the paragraph under the heading “Twitter and Big Data”: “portions the all-time” should be “portions of the all-time”
* Page 340, footnote 7: “any attribute we use” should say “any attributes we use”

# Chapter 13

* This is not errata, however, if you’re using macOS you can eliminate the warning, "Couldn't find ffplay or avplay" by executing the following command to reinstall the ffmpeg libraries:  
  brew reinstall ffmpeg --with-sdl2

For details see: <https://github.com/HackerShackOfficial/AI-Smart-Mirror/issues/41>

# Chapter 14

* Page 430, in the sentence above snippet 16: “two time” should say “two times”

# Chapter 15

* Page 458, first line under “Keras and TensorFlow”: “Scikit-learn” should be “scikit-learn”
* Page 459, second paragraph in the heading “**Models**”: “Scikit-learn” should be “scikit-learn”
* Page 482, second line under the heading “**Evaluating the Model**”: “model’s model’s” should be “model’s”

# Chapter 16

* Page 508, 4th line: “books.sql” should be in computer font.
* Page 531, 3rd paragraph, second line: “Google publishes its designs” should be “Google published its designs”