

Errors in First Printing **(errors Marked with * are also present in second printing)**

The first printing of this edition was rushed to get it out in time for the start of the spring term in 2021. As a consequence, the proof reading (including of the index) was not thorough. Quite a few small editorial changes were made for the second printing. There were a smaller number of changes that fixed errors related to content. I have tried to list all of those here.

Page 7: Penultimate sentence of last paragraph: plural -> singular

*Page 35, Figure 2-7: Test in while loop should be `x != num_iterations`

*Page 96:, Figure 5-2: Closing square bracket is missing following ['MIT', 'Caltech' both times it appears. Also the bottom list should be `Univs1`

*Page 97:, Figure 5-3: Closing square bracket is missing following ['MIT', 'Caltech'. Also the bottom list should be `Univs1`

*Page 101: Line with `deepcopy` near bottom of page should be deleted

*Page 161, Figure 8-3: The line of code `temp.reverse()` should have been `temp.reverse`

*Page 272, Figure 13-4: The line of code `return infected, total_infections` should be added to end of figure

Page 348: Footnote: First sentence: 25-> 26. Second sentence: "phenomenal" should be followed by 15.

*Page 351, Figure 17-4: Rectangle should be removed from figure.

*Page 362, Figure 17-15, `title = f'Mean Heads/Tails Ratios' + num_trials_str` should be `title = 'Mean Heads/Tails Ratios' + num_trials_str` (i.e., remove `f` at start)

Page 450: Figure 20-16: Caption should read "Fitting and exponential distribution"

*Page 454: Predicted value = 2734037145 should read Predicted value = 747520352

*Page 457: The imports for this chapter are

```
import random
import numpy as np
import matplotlib.pyplot as plt
import scipy.stats
```

Page 511: Last line of list of bullets: facility -> facilitates

*Page 513: The last line of the code at the bottom of the page should have been
`print(wwc.to_string())`

Page 525, 3rd line from bottom: word “of” should appear after “value”

Page 525: The data frame at the top of the page should have been

		W Goals	L Goals
Loser	Round		
England	3rd Place	2	1
	Semis	2	1
France	Quarters	2	1
Germany	Quarters	2	1
Italy	Quarters	2	0
Netherlands	Championship	2	0
Norway	Quarters	3	0
Sweden	Semis	1	0

Page 531: End of first paragraph. Temperature should be 25.35 -> 25.55

Page 531: Last line of block of code should be
`print(temperatures.loc[temperatures['Date']==20000704])`

Page 535, Figure 23-4: `_temps_dict -> yearly_dict`

*Page 540: The first two lines of code at the top of the page should be deleted

Page 543: Code in middle of page should be

```
yearly_temps['Year'] = yearly_temps['Year'].astype(int)
merged_df = pd.merge(yearly_temps, emissions,
                     left_on = 'Year', right_on = 'Year')
print(merged_df)
```

Page 544: Table at the top of page should have been

	Year	Min T	Max T	Mean T	Fuels	Roll F
Year	1.00	0.37	0.72	0.85	0.99	0.98
Min T	0.37	1.00	0.22	0.49	0.37	0.33
Max T	0.72	0.22	1.00	0.70	0.75	0.66
Mean T	0.85	0.49	0.70	1.00	0.85	0.81
Fuels	0.99	0.37	0.75	0.85	1.00	1.00
Roll F	0.98	0.33	0.66	0.81	1.00	1.00

Page 562: First sentence, second paragraph: Insert “(often called inertia in the literature)” after the word “variability”

*Page 596, Figure 26-8: Replace the line of code
`for e in training:` by `for e in training_set:`