Summary

**How did you experience the python lesson(s)?**

<table>
<thead>
<tr>
<th>Role</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructor</td>
<td>40</td>
<td>0</td>
</tr>
<tr>
<td>Helper</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Student</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

**Have you taught at least one Python lesson?**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>39</td>
<td>7</td>
</tr>
</tbody>
</table>

**Have you completed SWC Instructor Training?**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>3</td>
</tr>
</tbody>
</table>
If you have taught a Python lesson or seen a Python lesson taught, at what level was your class aimed?

- Novice: never programmed in any language: 28 (60.9%)
- Intermediate: had programmed in a language other than Python: 13 (28.3%)
- Advance: previous experience programming in Python: 1 (2.2%)
- Other: 4 (8.7%)
Express your opinion on the following statement: I would like an introduction to variables, data types, functions, and libraries before jumping into the inflammation data example

- Strongly agree: 11 (23.9%)
- Agree: 14 (30.4%)
- Neutral: 8 (17.4%)
- Disagree: 10 (21.7%)
- Strongly Disagree: 3 (6.5%)

Express your opinion on the following statement: I would like to see every lesson connect to the inflammation example

- Strongly agree: 6 (13%)
- Agree: 16 (34.8%)
- Neutral: 15 (32.6%)
- Disagree: 9 (19.6%)
- Strongly Disagree: 0 (0%)
Do you teach unit testing?

- Always: 4 (8.7%)
- Only if my audience is intermediate or advanced: 15 (32.6%)
- Only if my audience is advanced: 9 (19.6%)
- Never: 6 (13%)
- Other: 12 (26.1%)

Do you teach defensive programming (as defined in the v5.3 lesson)?

- Always: 6 (13.6%)
- Only if my audience is intermediate or advanced: 10 (22.7%)
- Only if my audience is advanced: 8 (18.2%)
- Never: 12 (27.3%)
- Other: 8 (18.2%)
**How long was the workshop you taught?**

- 2 days: 41 (91.1%)
- Other: 4 (8.9%)

**What platform was used to teach the python lesson?**

- Ipython Notebook: 38 (82.6%)
- Ipython interpreter: 3 (6.5%)
- Other: 5 (10.9%)

**Was the whole Python lesson taught?**

- Yes: 15 (33.3%)
- No: 30 (66.7%)
If not, what lessons were excluded?

Defensive programming

Topics 5-10

numpy, functions, if/else and for are all you can do in 1/2 day

Blocks, defensive, testing

7, 8 and 9.

Defensive Programming Debugging Command-Line Programs

Testing

defensive programming

Defensive Programming

Errors and exceptions, debugging

7, 8 and 9

Errors and Exceptions, Defensive Programming, Debugging

3 onwards

8, 9, 10

Everything after creating functions

Errors and Exceptions, Defensive Programming, Debugging, Command-Line Programs

Command-line programs

Errors and exceptions, defensive programming, debugging, command-line program

4, 9, 10, 7 & 8 merged, kind of.

Abbreviated Errors and Exceptions and didn't teach Debugging.

No time for Defensive Programming, Debugging, Command-Line Programs

The last 4 or 5 notebooks, usually, when using the 5.3 lesson.

whatever we didn't get to

last half, usually

can't remember

defensive programming, errors +

Defensive programming

Topics 5-10

numpy, functions, if/else and for are all you can do in 1/2 day

Blocks, defensive, testing

7, 8 and 9.

Defensive Programming Debugging Command-Line Programs

Testing

defensive programming
<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defensive Programming</td>
<td>9</td>
<td>26.5%</td>
</tr>
<tr>
<td>Errors and exceptions, debugging</td>
<td>9</td>
<td>26.5%</td>
</tr>
<tr>
<td>7,8 and 9</td>
<td>2</td>
<td>5.9%</td>
</tr>
<tr>
<td>Errors and Exceptions, Defensive Programming, Debugging</td>
<td>8</td>
<td>23.5%</td>
</tr>
<tr>
<td>3 onwards</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>8, 9, 10</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>Everything after creating functions</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>Errors and Exceptions, Defensive Programming, Debugging, Command-Line Programs</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>Command-line programs</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>Errors and exceptions, defensive programming, debugging, command-line program</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>4, 9, 10, 7 &amp; 8 merged, kind of.</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>Abbreviated Errors and Exceptions and didn't teach Debugging.</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>No time for Defensive Programming, Debugging, Command-Line Programs</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>The last 4 or 5 notebooks, usually, when using the 5.3 lesson.</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>whatever we didn't get to</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>last half, usually</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>can't remember</td>
<td>1</td>
<td>3.0%</td>
</tr>
<tr>
<td>defensive programming, errors +</td>
<td>1</td>
<td>3.0%</td>
</tr>
</tbody>
</table>

**Why were those lessons excluded?**
If you taught the 01-numpy lesson first, how did you teach it?

- Show and tell: Started with a complete notebook and used it as an example of where we are join
  - 3 8.6%
- Started with a full notebook and carefully explained each cell
  - 2 5.7%
- Started with an empty notebook and carefully explained each cell
  - 23 65.7%
- Other
  - 7 20%

How long was the Python lesson?

- 1 hour
  - 0 0%
- 2 hours
  - 2 4.7%
- 3 hours
  - 14 32.6%
- 4 hours
  - 12 27.9%
- Other
  - 15 34.9%
If you have taught a python lesson or seen a python lesson taught, at what level was your class aimed?

What lesson was taught at your workshop? If you answer other please include the author.

Express your opinion on the following statement: I would like an introduction to variables, data types, functions, and libraries before jumping into the inflammation data example.

Express your opinion on the following statement: I would like to see every lesson connect to the inflammation example.

Do you teach unit testing?

Do you teach defensive programming (as defined in the v5.3 lesson)?

How long was the workshop you taught?

What platform was used to teach the python lesson?

Was the whole Python lesson taught?

If not, what lessons were excluded?

Why were those lessons excluded?

If you taught the 01-numpy lesson first, how did you teach it?

How long was the Python lesson?