Data Carpentry Pre-Workshop Survey

To help optimize the upcoming Data Carpentry workshop for participants, the organizers need to know about your existing data and programming skills. The information you provide also will allow us to track changes in skill level that may occur as a result of the workshop. The survey should take approximately 10 minutes to complete.

Your participation is voluntary. There are no direct benefits or risks to you for participating, and no compensation. You may quit at any time or skip any item. Your IP address will be registered; however, your responses will remain anonymous. Thank you for your help.

* 1. I consent to taking this survey.

- ◯ Yes

* 2. When are you taking this survey?

- ◯ I am taking this survey before coming to the workshop
- ◯ I am taking this survey at the workshop (and I have not previously taken a survey for this workshop)

* 3. Please select the workshop you are attending. Events are listed in chronological order.

4. Will this be your first time attending a Data Carpentry workshop (as a learner)?

- Yes
- No

About the Student

First we would like to know a bit about your background. Please note that Data Carpentry assumes no specific prior experience with data analysis, management or programming!

5. Which of the following describes your current status?

- ◯ Undergraduate student
- ◯ Graduate Student
- ◯ Post-doc
- ◯ Faculty
- ◯ Industry
- ◯ Staff
- ◯ Other (please specify)

* 6. Are you age 18 or above?

- ◯ Yes
- ◯ No

7. Your department or division (e.g. Microbiology and Molecular Genetics, Environmental Engineering, Sociology, etc):

8. Your research discipline

- ◯ Administration
- ◯ Brain and neurosciencse
- ◯ Chemistry
- ◯ Computer science and electrical engineering
- ◯ Earth sciences (geology, oceanography, meterorology)
- ◯ Economics
- ◯ Engineering (civil, mechanical, chemical)
- ◯ Humanities
- ◯ Life science (biology, genetics)
- ◯ Life science (ecology, zoology, botany)
- ◯ Medicine
- ◯ Physics
- ◯ Public health
- ◯ Statistics
- ◯ Space sciences
- ◯ Tech support, lab tech, or support programmer
- ◯ Other (please specify)

9. In three sentences or less, please describe your current field of work or research question.

10. What operating system in on the computer you are bringing to the workshop?

- ◯ Apple OS
- ◯ Linux
- ◯ Windows
- ◯ Not sure

11. Will you be attending the workshop with colleagues, friends, or classmates?

- ◯ Yes
- ◯ No
- ◯ Not sure

About your current data analysis practices

The next set of questions asks about your current data analysis practices. Again, please remember that this workshop assumes no prior knowledge or experience!

12. How often to you currently use programming languages (R, Python, etc.) or databases (Access, SQL, etc.)?

- ◯ I have never programmed
- ◯ Less than once a year
- ◯ Several times a year
- ◯ Monthly
- ◯ Weekly
- ◯ Daily
- ◯ Not sure

13. What tools do you frequently use to manage and/or analyze data? Check all that apply.

- ☐ Excel or other spreadsheet program
- ☐ FileMaker Pro or Microsoft Access
- ☐ SQL
- ☐ R
- ☐ Python
- ☐ MATLAB
- ☐ Open Refine
- ☐ the command line (shell)
- ☐ Not sure
- ☐ Other (please specify)

14. Do you currently have a dataset that you would like to analyze?

- ◯ Yes, and I've already done a fair bit of analysis.
- ◯ Yes, I have data but I haven't started analyzing it yet.
- ◯ I am working on generating data.
- ◯ I do not have data yet.

15. Please enter your level of satisfaction with your current:

	Very unsatisfied	Unsatisfied	Neutral	Satisfied	Very satisfied	Not sure	Not applicable
Data management strategy	◯	◯	◯	◯	◯	◯	◯
Data analysis workflow	◯	◯	◯	◯	◯	◯	◯

16. Please rate your level of agreement with the following statements:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Data organization is a fundamental component of effective and reproducible research.	◯	◯	◯	◯	◯
Using a scripting language like R or Python can ultimately improve my analysis efficiency	◯	◯	◯	◯	◯
Using R or Python makes analyses easier to reproduce	◯	◯	◯	◯	◯
A value of using SQL, R or Python is that the underlying data cannot accidentally be changed	◯	◯	◯	◯	◯

17. Please share what you most hope to learn from attending this workshop.

* 18. Does this workshop take place in the United States?

- ◯ Yes
- ◯ No

19. Your age

- ◯ 18-24
- ◯ 25-34
- ◯ 35-44
- ◯ 45-54
- ◯ 55-64
- ◯ 65-74
- ◯ Over 75
- ◯ Prefer not to say

20. Your gender

- ◯ Female
- ◯ Male
- ◯ Prefer not to say
- ◯ Other (please specify)

21. Race/Ethnicity

- ◯ American Indian or Alaskan Native
- ◯ Asian / Pacific Islander
- ◯ Black or African American
- ◯ Hispanic or Latino
- ◯ Native Hawaiian or Other Pacific Islander
- ◯ White / Caucasian
- ◯ Prefer not to say
- ◯ Other (please specify)

Thank you for completing this survey.