

Consent to Participate in Research Data Carpentry Post-workshop Survey

Introduction and Purpose

My name is Erin Becker and I am the Associate Director of Data Carpentry. Thank you for volunteering to take part in our research study, which is about understanding the effectiveness of our workshops. To participate in the study, you will complete a short survey about your skills and attitudes related to our workshop content before and after your workshop. Depending on your location, the survey will be 20-23 questions long and will take approximately 15-20 minutes to complete.

Confidentiality

Your responses will be recorded anonymously. If you respond via email, your IP address will be registered; however, your responses will remain anonymous.

Risks and Benefits

There are no direct risks or benefits to you from filling out this survey, and no compensation. We hope to use these results to improve workshops for future learners.

Consent

You are not required to take this survey to participate in our workshop. You may quit the survey at any time or skip any item other than those required to correctly sort your responses.

If you have any questions about the study, please contact Erin Becker, Associate Director of Data Carpentry at ebecker@datacarpentry.org or eribecker@ucdavis.edu or Megan Welsh, Assistant Professor of Education at the University of California, Davis at megwelsh@ucdavis.edu.

If you have any questions about your rights or treatment as a research participant in this study or would like to provide input about this research, please contact the University of California at Davis' IRB Board at (916) 703-9151, IRBAdmin@ucdmc.ucdavis.edu, or 2921 Stockton Blvd, Suite 1400, Room 1429, Sacramento, CA 95817.

* 1. I consent to this survey.

☐ Yes

* 2. When are you taking this survey?

☐ I have just completed the workshop, and am taking it at the event

☐ I have recently completed the workshop, and am taking it after I left the event

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

If your workshop is not listed above please enter the location and date below. Otherwise please leave this blank.

4. Is this your first time in a Data Carpentry workshop as a learner?

☐ yes

☐ no

About the learner

5. What is your domain of research (i.e. microbiology, ecology, social science, humanities, etc)

6. Which of the following describes your current status?

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

* 7. Are you age 18 or above?

- ☐ Yes
- ☐ No

8. Rate your level of involvement in the activities of this workshop.

- ☐ Somewhat involved
- ☐ Very involved
- ☐ Enthusiastically involved

9. How much practical knowledge have you gained from this workshop?

- ☐ A great deal
- ☐ Some practical knowledge
- ☐ None

General Evaluation of the Workshop

10. Compared to before the workshop I have a better understanding of how to...

	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree	NA/Not covered at this workshop
Effectively organize data in spreadsheets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use OpenRefine for data cleaning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Import a file into Python and work with the data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Import a file into R and work with the data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do initial visualizations in Python	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do initial visualizations in R	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Construct a SQL query statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the command line	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Please rate the level of your data management and analysis skillsprior to the workshop.

- ☐ Very low
☐ Low
☐ Neither high nor low
☐ High
☐ Very high

12. Please rate your level of data management and analysis skillsfollowing the workshop.

- ☐ About the same
☐ Somewhat higher
☐ Higher
☐ Much higher

13. 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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using a scripting language like R or Python can ultimately improve my analysis efficiency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using R or Python makes analyses easier to reproduce	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A value of using SQL, R or Python is that the underlying data cannot accidentally be changed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14. I can immediately apply what I learned at this workshop.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

15. This workshop was worth my time.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

16. The material presented matched the workshop description.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

17. I would recommend this workshop to a friend or colleague.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neutral
- ☐ Agree
- ☐ Strongly agree

Strengths and weaknesses

18. What are the major strengths of this workshop?

19. What are the major weaknesses of this workshop?

Evaluation of the instructors

20. Please answer the following questions.

	Never	Sometimes	Usually	Most of the time	Always
Could you get clear answers to your questions from the instructors?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Were the instructors considerate to you?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Were the instructors effective in teaching in the workshop?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Were the instructors enthusiastic about the workshop?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

21. Any other comments about the instructors

* 22. Was the workshop held in the United States?

- ☐ yes
- ☐ no

Demographics

23. Your age

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

24. Your gender

- ☐ Female
- ☐ Male
- ☐ Prefer not to say

Other (please specify)

25. 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)