

Post Workshop Survey - Intro

Consent to Participate in Research Instructor Training 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 instructor training program.

Confidentiality

In order to understand the impact of our instructor training program, we are collecting information about learners' attitudes and skills related to our content before and after the workshops. 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.

Please do not take this survey until after you have completed the training event .

* 1. I consent to this survey

☐ Yes

* 2. When are you taking this survey?

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

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

Instructor-Training-Post-workshop Survey

About this workshop

We'd like to get some general feedback about your experience at this training event

* 3. Please select the training event you attended

4. Please give us some feedback about the overall training event

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
The amount of information covered was reasonable for allotted time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The overall atmosphere was welcoming	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned skills that I will be able to use in my teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The material presented matched the description of the training event	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would recommend this training to a friend/colleague	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The training was worth my time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. How did you perceive the pace of the training?

- ☐ Too slow
- ☐ Slightly slow
- ☐ Just right
- ☐ Slightly fast
- ☐ Too fast

6. How was the balance of lecture to hands-on work?

- ☐ Too much lecture
- ☐ Slightly too much lecture
- ☐ Balanced (lecture/hands-on)
- ☐ Slightly too much hands-on
- ☐ Too much hands-on

Instructor-Training-Post-workshop Survey

About the Instructors and Helpers

Here we'd like to know how you found the instructor trainer(s) did in running the training event

7. Please select how you felt the instructor trainer(s) performed

	Never	Rarely	Sometimes	Often	All of the time
Instructor trainer(s) gave clear answers to your questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instructor trainer(s) were considerate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instructor trainer(s) were good communicators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instructor trainer(s) were enthusiastic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Do you have specific comments about the instructor trainer(s)?

Instructor-Training-Post-workshop Survey

Your attitudes about the workshop topics

We would like to know more about how you felt about the training content both before and after the workshop

9. How much of the information presented at this training event was new to you?

- ☐ None of it
- ☐ Some of it
- ☐ About half of it
- ☐ Most of it
- ☐ All of it

10. Tell us about your experience with these topics **before** the training

	Little or no knowledge of topic	Some knowledge of topic	Extensive knowledge of topic
Formative vs. summative assessment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Giving effective feedback	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What makes someone a novice or expert	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How human memory works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cognitive load	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What the Carpentries are and what they do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Backwards design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Levels of cognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Tell us about changes in your knowledge of these topics **after** the training event.

	No increase in my knowledge	Knowledge increased slightly	Knowledge increased a great deal	N/A - Not covered at this workshop
Formative vs. summative assessment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Giving effective feedback	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What makes someone a novice or expert	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How human memory works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cognitive load	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What the Carpentries are and what they do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Backwards design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Levels of cognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. After the workshop, how did your motivation to learn more about these topics change?

	Less motivated	Slightly less motivated	No change in motivation	More motivated	Much more motivated	N/A - Topic not covered
Formative vs. summative assessment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Giving effective feedback	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What makes someone a novice or expert	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How human memory works	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cognitive load	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
What the Carpentries are and what they do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Backwards design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Levels of cognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. How would you describe your ability to do the following tasks?

	Could you do this before the workshop?	After the workshop, what is your level of confidence?
Teach using live coding	<input type="text"/>	<input type="text"/>
Set up a workshop website	<input type="text"/>	<input type="text"/>
Use a concept map for lesson planning	<input type="text"/>	<input type="text"/>
Write a multiple choice question with diagnostic power	<input type="text"/>	<input type="text"/>
Write effective learning objectives	<input type="text"/>	<input type="text"/>

14. Do you have a clear understanding of what needs to be done to complete instructor training?

- ☐ No, not clear at all
- ☐ Could use some more details
- ☐ Yes, I understand
- ☐ Other (please specify)

About You

Please give us only any information you are comfortable sharing.

Remember - you may always skip questions

15. What is your current position?

- ☐ Undergraduate Student
- ☐ Graduate Student
- ☐ Post-doctoral researcher
- ☐ Faculty
- ☐ Research staff (including research programmer)
- ☐ Support staff (including technical support)
- ☐ Librarian/archivist
- ☐ Commercial software developer
- ☐ Other (please specify)

16. What is your domain of research/study?

- ☐ Chemistry
- ☐ Civil, mechanical, chemical, or nuclear engineering
- ☐ Economics/business
- ☐ Education
- ☐ High performance computing
- ☐ Humanities
- ☐ Life Sciences (Genetics, genomics, bioinformatics)
- ☐ Life Science - Organismal/systems (ecology, botany, zoology, microbiology, neuroscience)
- ☐ Library and information science
- ☐ Mathematics/statistics
- ☐ Medicine and/or Pharmacy
- ☐ Physics
- ☐ Planetary sciences (geology, climatology, oceanography, etc.)
- ☐ Psychology
- ☐ Social sciences
- ☐ Space sciences
- ☐ Other (please specify)

* 17. Are you age 18 or above?

- ☐ Yes
- ☐ No

* 18. Was this workshop held in the United States or any of its territories?

- ☐ Yes
- ☐ No

Voluntary Self-identification

In the interests of improving diversity, we would like to collect additional demographic information. Like all other parts of this survey, this information is anonymous and completely voluntary.

19. How would you describe yourself?

- ☐ American Indian or Alaska Native
(A person having origins in any of the original peoples of North and South America (including Central America), and who maintains a tribal affiliation or community attachment.)
- ☐ Asian
(A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.)
- ☐ Black or African American
(A person having origins in any of the Black racial groups of Africa – includes Caribbean Islanders and other of African origin.)
- ☐ Hispanic or Latino(a)
- ☐ Native Hawaiian or Other Pacific Islander
(A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.)
- ☐ White
(A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.)
- ☐ Prefer not to say
- ☐ Multiple ethnicity / Other (please specify)

20. What is your gender?

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

Final comments

We really appreciate you making it through the survey. Below, we ask you to summarize your overall experience with the Software and Data Carpentry training experience. If you wish, here is a space to comment in your own words

21. How likely is it that you would recommend a Software and/or Data Carpentry workshop to a friend or colleague?

Not at all likely

Extremely likely

0	1	2	3	4	5	6	7	8	9	10
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22. Any comments on what was the best thing about this training event?

23. Any comments on what needed the most improvement at this training event?

Thanks

Thank you for your feedback!