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SWC - Pre-workshop Survey

Pre-Workshop Survey - Intro

Consent to Participate in Research
Software Carpentry Pre-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.

If you have already taken this survey for this particular workshop, PLEASE DO NOT TAKE IT AGAIN . In this way we can have roughly the same number of pre- and post-survey responses.

* 1. I consent to 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)

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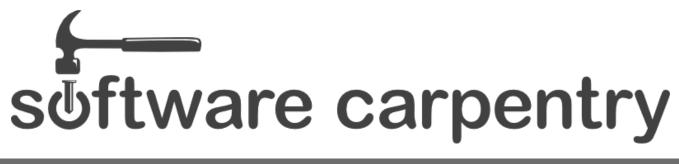
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About this workshop

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

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

[dropdown]

[text field]

* 4. Will this be your first time attending a Software Carpentry Workshop (as a learner)?

○ Yes

○ No

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Questions for returning learners

We'd like to know more about people who are taking a Software Carpentry workshop again.

5. How long ago did you attend a Software Carpentry workshop?

◯ In the last 30 days

◯ 1-5 months ago

◯ 6 months or more

◯ Not sure

◯ Other (please specify)

[   ]

6. Why did you attend another workshop? (Select all that apply)

☐ To refresh/review skills

☐ To cover new/additional topics

☐ To network

☐ To help host/run a workshop

☐ To become a Software Carpentry helper/instructor

☐ Other (please specify)

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Questions for first-time learners

We'd like to know more about why you are taking the workshop

7. In a few words, what is your most important reason for attending this workshop?

8. Below are some reasons we think people come to Software Carpentry workshops. Some of these reasons may overlap with the reasons you suggested above. How important were these reasons to you?

	Not at all important	Slightly important	Important	Very important	N/A
Improve your ability to use software and tools related to your research	○	○	○	○	○
Automate your analysis or computation	○	○	○	○	○
Improve the reproducibility of your work	○	○	○	○	○
Network with other workshop attendees	○	○	○	○	○
Refresh or update skills	○	○	○	○	○

9. Besides the course content, what importance did the following factors have on your choice to attend the workshop?

	Not important at all	Slightly important	Important	Very important	Extremely important
Attending an in-person/live workshop	○	○	○	○	○
Location and timing of workshop	○	○	○	○	○
Learning with friends/colleagues	○	○	○	○	○

Other (please specify)

[   ]

10. How soon do you anticipate using the skills you learn at the workshop?

○ Immediately

○ In the next 30 days

○ In the next 6 months

○ More than 6 months from now

○ I am not sure when

11. How did you hear about Software Carpentry? (Select all that apply)

☐ Friend/colleague

☐ Conference/meeting/seminar

☐ Institution mailing list or flyer

☐ Funding organization or program officer

☐ Journal or publication

☐ Our website

☐ Social Media (Twitter, Facebook, etc.)

☐ Other (please specify)

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12. If you experienced any strong concerns about attending this workshop, can you let us know what they were? Did we address these concerns, or were there ways we could have addressed them?

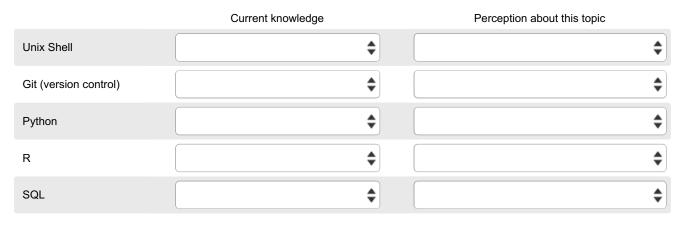[   ]

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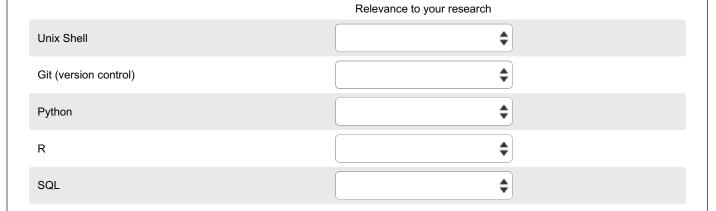
Your attitudes about the workshop topics

We would like to know more about how you felt about the workshop topics before and after the workshop.

Tip: If you are not sure a topic will be covered at your workshop, simply leave that portion of the question blank or select the N/A options in the drop-down menus

13. Tell us about your experience with the following topics:

	Current knowledge	Perception about this topic
Unix Shell	⬍	⬍
Git (version control)	⬍	⬍
Python	⬍	⬍
R	⬍	⬍
SQL	⬍	⬍

14. Tell us about how relevant you think these topics are to your research:

	Relevance to your research
Unix Shell	⬍
Git (version control)	⬍
Python	⬍
R	⬍
SQL	⬍

15. How would you rate your motivation to learn about these topics?

	N/A - Not relevant to me/Not sure what this is	Not at all motivated	Slightly motivated	Motivated	Very motivated	Extremely motivated
Unix shell	○	○	○	○	○	○
Git (version control)	○	○	○	○	○	○
Python	○	○	○	○	○	○
R	○	○	○	○	○	○
SQL	○	○	○	○	○	○

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

	Can you do this?
Use pipes to connect shell commands	⇕
Write a 'for loop' to automate a task	⇕
Initialize a repository with git	⇕
Write a function	⇕
Import a library or package (Python or R)	⇕
Write a unit test (Python or R)	⇕
Write an SQL query	⇕

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About You

Please give us only any information you are comfortable sharing.
Remember - you may skip this section or any question in this section

17. 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)

[   ]

18. 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)

19. What is your gender?

○ Female

○ Male

○ Other

○ Prefer not to say

* 20. Are you age 18 or above?

○ Yes

○ No

* 21. Is the workshop being held in the United States?

○ Yes

○ No

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Voluntary Self-identification

In the interests of improving diversity, we would like to collect additional demographic information. This information is collected anonymously and is <u>completely voluntary</u>.

22. Which race/ethnicity best describes you? (Please choose only one.)

◯ 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

◯ Multiple ethnicity / Other (please specify)

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Thanks

Thank you for your feedback!