

2020-21 DSC-WAV End of Spring Semester Project Survey

WAV Student Participant Survey

This research is being conducted to obtain information that will help us evaluate the NSF-funded project, *The Data Science WAV: Experiential Learning with Local Community Organizations*. This survey will ask about both your impressions and feedback about the DSC-WAV project this semester, and about your team's communication and workflow. We appreciate you taking the time to complete this. It will help us understand your experiences and also improve the project in the future. By continuing to the survey, you are consenting to participate in this research. Your responses, which will remain de-identified, will be recorded and saved in a log-in secured database. Only summaries of the data will be reported. [A copy of the full consent form is available here.](#)

We expect that this survey will take you about 20 minutes to complete. Thank you!

1. Which of the following projects are you working on?

De-identified

2. Please indicate your role on the project.

- Community Engagement Scholar
- Data Science Scholar

3. How well do you perceive the project went?

4. Did you feel like you had the resources and support you needed from the faculty advisor and community organization?

5. About how much time (hours per week) did you spend on this project?

- <5
- 5-10
- 11-15
- 16-20
- >20

Ensuring deadlines are met (7)

GitHub/file storage organization and maintenance (8)

10. One of the approaches emphasized in the DSC project is the use of Agile, specifically the Scrum framework, to manage your project. This framework promotes the use of short intervals of work (Ie sprints) to break up and set project goals. In this section of the survey, you will be asked about how your team implemented this framework. Describe the process your team used to break up the project into smaller intervals, including how you determined the goals and scope of work for each interval.

11. One part of the Agile framework is to identify and describe specific project goals as user stories. Describe how your team implemented user stories. If you did not implement user stories, explain why not.

This section will focus on the sprint review process with your team's community partner.

12. How frequently did you meet with the community partner to review progress?

- No
- Yes

Display This Question:

If How frequently did you meet with the community partner to review progress? = Yes

13. How did you present work to the community partner with the sprint review? (e.g., written report, slides)

Display This Question:

If How frequently did you meet with the community partner to review progress? = No

14. Explain why your team did not meet with the community partner and review progress after each sprint.

Display This Question:

If How frequently did you meet with the community partner to review progress? = No

15. How often was work presented to the community partner and how were they presented (e.g., written report, slides)?

16. One aspect of Agile is a retrospective in which a team reflects on the project work and processes for completing the work are evaluated in order to make improvements going forward. Describe a specific instance where your team implemented this. If your team did not do any retrospectives, explain why.

Display This Question:

If How frequently did your team meet to evaluate team functioning? = Yes

17. Which components did the retrospective include? Please check all that apply.

- Evaluation of team progress
 - Identification of challenges/issues
 - Identification of backlogged tasks
 - Reflection about team communication?
 - Reflection about team workflow?
 - Report from individual team members (e.g., status updates, backlog)
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18. One tool for organizing project tasks is a Kanban board. Describe your team's Kanban board and how it was used. If your team did not use a Kanban board explain why.

19. One tool emphasized on the DSC-WAV projects this semester was to use GitHub. Did you or your team use GitHub for your project?

- No

- o Yes

Display This Question:

If One tool emphasized on the DSC-WAV projects this semester was to use GitHub. Did you or your team? = Yes

20. Describe how your team used GitHub to facilitate work on the project.

Display This Question:

If One tool emphasized on the DSC-WAV projects this semester was to use GitHub. Did you or your team?. = Yes

21. How has this project helped you learn about and use GitHub? If you did not use GitHub

Display This Question:

If One tool emphasized on the DSC-WAV projects this semester was to use GitHub. Did you or your team... = Yes

22. What aspects of using GitHub do you feel confident about after participating in this project?

Display This Question:

If One tool emphasized on the DSC-WAV projects this semester was to use GitHub. Did you or your team... = Yes

23. What aspects of using GitHub do you **not** feel confident about after participating in this project, if any?

Display This Question:

If One tool emphasized on the DSC-WAV projects this semester was to use GitHub. Did you or your team... = No

24. Explain why you or your team decided not to use GitHub.
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25. One process introduced in the onboarding workshop was code review. This helps ensure that your team's code works, is well-written, and reproducible. Did your team engage in code review?

- No
- Yes

Display This Question:

If One process introduced in the onboarding workshop was code review. This helps ensure that your te... = Yes

26. What is the process your team uses to review code? Are there specific things you are looking for in the code (style, validation tests) or do you just check that it runs?

Display This Question:

If One process introduced in the onboarding workshop was code review. This helps ensure that your te... = No

27. Please explain why your team did not engage in code review.

28. Which communication tools did your team use to facilitate work on the project (e.g. Kanban board, Slack, email, text)? Describe how you used each.

29. Do you have any other comments/concerns?