

June 28, 2024 Education Working Group Call

Attendees: Alyssa Willson, Jody Peters, Antoinette Abeyta, Alyssa Willson, Mary Lofton, Rachel Torres, Saeed Shafiei Sabet, Jason McLachlan, Caz Kowalski

Agenda/Notes:

1. Share Sloan proposal (Jason)
 - a. Mentoring networks and building data science tools for Indigenous communities
 - b. New thing - microcredentials from ESIL (<https://clas.ucdenver.edu/esil/>) - the credentials come from U of Colorado, Denver. Have lots of courses, but does not have many data science courses. People have options to continue to stack up the microcredentials to eventually get a degree from UC, Denver
 - i. Example - people need to write reports (e.g., water quality report for EPA) so a set of microcredentials could be writing reports - how to analyze the data and include it in the report
 - ii. Rachel has taken one of the [ESIL courses](#). The course was over a number of weeks with 2 hour live zoom calls each week. Could do the tutorial on own or through the zoom calls. Zoom calls went slow because many participants had to get caught up on how to use GitHub. Also had office hours available each week.
2. The range of people's computer experiences is a limit for in person workshops.
 - a. From EFI2024 Conference Forecast Challenge workshop
 - i. Is there a code free, GitHub free forecast challenge that could be developed?
 - Could invite Dan Keefe to give presentation - has lots of thoughts about technologies that don't include coding
 - <https://processing.org/>
 - Processing is a flexible software sketchbook and a language for learning how to code. Since 2001, Processing has promoted software literacy within the visual arts and visual literacy within technology.
 - How far could you go without a
 - Nick Record does some of this with his forecasting challenges and courses
 - Freya's work that could be transformed into a Shiny format - using CI with code under the hood, but user is not using code
 - ii. Workshop was given from 3 personas (someone participating, someone setting up a challenge, and an analyst)
 - Good to keep in mind the personas/target audience. Who is going to use the tool and why
 - iii. Interesting to see how to get people to the forecast challenge stage without being rooted in ecology and data science

