

Data Science for Social Good in the Elementary Classroom

Attendees will experience a presentation on data science (DS) for social good, identifying measurable social impact at an elementary level. This session will introduce the DS workflow, standards and best practices from littles to upper elementary. It will introduce a lesson outline that will get students engaged and excited to solve problems while relating to students' daily lives and their communities and raising awareness of issues in their society, all while addressing diversity, inclusion and equity. Finally, let's experience a DS lesson (two choices for lower/upper) collecting data, storing it, exploring it and asking questions, modeling it using data visualization, and communicating the results.

Presentation Target:

Elementary School

Presenter(s):

1. Jeanne McClure, Ph.D., Student Learning, Design and Technology, North Carolina State University