

Washington Statistical Society
Short Course: From R Markdown to Quarto

Date: Wednesday, November 20, 2024

Time: 10 AM – 5 PM EST

Course Description: Quarto is an open-source scientific and technical publishing system that offers multilingual programming language support to create dynamic and static documents, books, presentations, blogs, and other online resources. In this workshop, you will learn how to apply your reproducible authoring skills to the Quarto format and learn about new tools and workflows for authoring with Quarto in RStudio. You will learn to create static documents as well as slide presentations. The workshop will also introduce you to Quarto projects which you can use to build websites and write blogs and books. Finally, you will learn various ways to deploy and publish your Quarto projects on the web.

Course Outline:

- Producing a Single Document with Quarto
 - R Markdown to Quarto
 - Documents and slides
- Producing Presentations and Websites
 - Websites and books
 - Manuscripts

Instructor Background:

Dr. Mine Çetinkaya-Rundel is Professor of the Practice at Duke University and Developer Educator at Posit. Mine's work focuses on innovation in statistics and data science pedagogy, with an emphasis on computing, reproducible research, student-centered learning, and open-source education as well as pedagogical approaches for enhancing retention of women and under-represented minorities in STEM. Mine is a Fellow of the ASA and Elected Member of the ISI as well as the winner of the 2021 Robert V. Hogg Award for Excellence in Teaching Introductory Statistics.

Dr. Charlotte Wickham (she/her) is a Developer Educator at Posit. As part of her job at Posit, Charlotte helps to keep quarto.org—a website about, and also built with, Quarto—up to date. Prior to Posit, she taught Statistics and Data Science at Oregon State University where she received awards for her in-person and online teaching.

Registration: Registration is limited to 30 participants. The cost for registration is \$25 for full time students, \$50 for current WSS members, and \$100 for non-members.

Registration link: <https://www.eventbrite.com/e/from-r-markdown-to-quarto-tickets-1044379526277?aff=oddtcreator>

Connection Information: Zoom link will be shared directly with attendees prior to the short course.

For additional information about this short course, please contact Katherine Irimata (oui4@cdc.gov), WSS Methodology Section Chair.