

# QSS 19 Advanced Data Visualization

Data visualization allows data analysts to present findings to the broader public. The QSS 19 advanced data visualization course maximizes students' abilities to communicate social science research through advanced graphical representations, including many of the more advanced forms of visualization suitable for the web or other forms of publication. Javascript, HTML widgets, dashboards, and animated plots designed for social media and the web will be covered at length. Students will execute projects building their own web-based dashboards and visualizations designed to communicate patterns in data from the results of real-world research. As an extension of QSS 17, students in the course will continue to learn principles of good visualization and the tenets of color theory, applying these principles to their mapping of data to plots, with an aim to share and frame their data analyses persuasively and without bias.

