

USING GOOGLE DOCS AND SHEETS TO DESIGN AND COLLECT DATA FOR CLASSROOM EXPERIMENTS

Wendine Bolon, Monmouth College, United States
wbolon@monmouthcollege.edu

The 2016 Guidelines for Assessment and Instruction in Statistics Education recommends the college professors use active learning pedagogies with real world data while using technology for data exploration and analysis. Pedagogies and technologies that actively engage students and use real world data have been shown to improve student engagement and achievement. Experiments offer an opportunity to actively engage students, generate real world data to analyze and organically integrate technology in the classroom. This poster describes some uses for Google Docs and Sheets that allow in-class collaboration in the design and implementation of experiments, as well as data collection and analysis.