TEAM PROJECTS IN AN INTRODUCTORY STATISTICS CLASS

Carmen Acuna
Bucknell University, United States
cacuna@bucknell.edu

Two strategies often used to improve a statistics course are the use of real data and the use of projects performed by the students. This poster describes the implementation of a semester-long team project carried out by students in an introductory statistics class. The team identifies a question of interest to be investigated, designs and implements the data collection procedure, and analyzes the data collected. At the end of the semester each team presents its project results to the class. Although this is a team project individual students are assigned differential grades based on their level of involvement with the assignment. This work describes the timeline for the project, the team’s working agreement, the potential research topics assignment, the formal written project proposal, and shows how the differential grades are computed based on the peer rating of team members.