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Vinodh Kumar Chellamuthu*, 225, S University Avenue, Saint George, UT. *Improving Student Ownership in Introductory Statistics Class through a Project-Based Approach.*

The presentation will highlight a semester-long project-based approach in Introductory Statistics class that deepens on critical thinking and conceptual understanding, rather than mere knowledge of procedures. In this presentation, a project-based approach that improves students' ability to use the techniques and skills learned in Introductory Statistics class in real-world applications will be discussed. The primary goal of this project-based approach is to foster students thinking by creating an experience where students choose a mini-research project based on their passion/major study. During this process, students created their own hypothesis for their chosen project, designed a study, conducted the study, described the data, and made conclusions using the data. The presentation will also highlight feedback from the student's and their experiences with this project-based approach pedagogy. (Received September 14, 2019)