

Community-Engaged Data Analysis and Solutions

Project Overview

This assignment provided students with hands-on experience in using data analysis to address real-world challenges faced by community organizations. By collaborating with a local entity, students analyzed existing data, answered key operational questions, and developed data-driven recommendations to support the organization's goals. This assignment aimed to bridge classroom learning with community impact and empower students to use data as a tool for meaningful change.

Final Product

Students worked with each organization to determine ways to use statistical analyses to address an existing challenge (e.g., volunteer retention, fundraising efficiency, program impact). They analyzed existing primary data related to their assigned organization and proposed practical, evidence-based solutions during a poster presentation session with partner organizations.



Sport
Management



Statistics for
the Behavioral
Sciences

BEH 260
Spring 2025



Taught by
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Students

Why THIS project for THESE students?

BEH 260 gives students the opportunity to apply statistical knowledge to real-world challenges. Because students in this course represent a variety of majors focused on behavioral, social, organizational, or psychological data, this project allows them to translate statistical concepts into actionable insights for a community partner. The experience spurs development in vital career-based skills, including problem-solving and data storytelling. The project bridges the gap between classroom content and professional practice.



Learning Outcomes

What skills did students develop through this project?

Students gained experience in working with community stakeholders, applying data analysis skills to real-world organizational challenges, and developing actionable, data-driven recommendations. The project strengthened students' problem-solving, communication, and professional skills.



Context

How does this project support the community?

Students partnered with B.E.A.S.T. initiative, The Spartan Volunteer Network, the Bloom Business Empowerment Center, STEAM Sneakerheadz, and several other local organizations. These community organizations benefited from the data-driven solutions that addressed their operational challenges. The end-of-semester showcase offered recommendations to maximize efficiency and improve programming to enhance the partners' ability to fulfill their mission.