Faith and Community Empowerment

Homebuyer Education Program Utilization

FALL 2023 | DATA ANALYTICS | 3 STUDENTS

Three senior Information Systems students worked as a faculty-supervised data analytics team with Faith and Community Empowerment (FACE) to understand utilization of the Homebuyer Education Program. The team framed the business question, reviewed and prepared available data, developed visual analysis, evaluated results, and organized actionable findings for partner review.



FACE homebuyer education analytics team

PROJECT OBJECTIVE

Analyze available Homebuyer Education Program information to understand utilization patterns and communicate findings that could support program decisions.

STUDENT CONTRIBUTION

The team clarified the analysis goals, examined and validated available data, addressed data-quality concerns, developed visual summaries, interpreted findings, and prioritized possible actions.

ARTIFACTS PRODUCED

- Business and data understanding summary
- Data-quality review and prepared dataset
- Dashboards, graphs, charts, or tables
- Evaluation against the stated business objective
- Final report, prioritized actions, and partner presentation

COMMUNITY VALUE

FACE received a structured review of program-utilization information and visual findings that could support reflection, outreach, and future planning.

LEARNING VALUE

Students applied business understanding, data preparation, visualization, evaluation, and client communication to a community-focused program question.