COLLEGE OF BUSINESS AND ECONOMICS

COMMUNITY PARTNER INTERNSHIPS

YMCA of Metropolitan Los Angeles

Youth Class Enrollment Analysis

SPRING 2024 | DATA ANALYTICS | 3 STUDENTS

Three senior Information Systems students worked as a faculty-supervised data analytics team with the YMCA of Metropolitan Los Angeles on an exploratory analysis of youth class enrollment. The team defined the analysis objective, reviewed and prepared available data, developed visual summaries, evaluated findings in relation to the business question, and organized actionable results for partner review.



YMCA youth class enrollment analytics team

PROJECT OBJECTIVE

Conduct an exploratory analysis of youth class enrollment information to identify useful patterns and communicate findings that could support program decisions.

STUDENT CONTRIBUTION

The team clarified the business question, examined and validated available enrollment data, addressed data-quality issues, 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

The YMCA received a structured review of youth class enrollment information and visual findings that could inform program reflection and future planning.

LEARNING VALUE

Students applied exploratory data analysis, data preparation, visualization, evaluation, and client communication to a real community-program question.