

Enrollment Data Use Case



Case Study

- The Chair of the Computer Science department has observed disparities in enrollment patterns within the department. Despite his efforts to attract a diverse student body and increase the representation of women and underrepresented minorities in STEM fields, the department continues to see a lower proportion of women and minority students in its computer science program compared to other disciplines. The Chair aims to utilize enrollment data to better understand these disparities and develop targeted strategies to increase equity in enrollment and optimize the department's use of resources.
- To solve the problem of disparities in Computer Science enrollment among women and underrepresented minority students at San Diego State University (SDSU), you can use the resources available on the ASIR (Analytic Studies and Institutional Research) enrollment data website effectively.



Methodology

- **Identify Disparities** by using the [Enrollment by Major](#) and [Enrollment by Ethnicity](#) dashboards available on the ASIR website to explore the distribution of students in the Computer Science program by gender and ethnicity. Look for trends in how women and underrepresented minority (URM) students are represented in the department compared to other STEM and non-STEM fields.
- **Explore Underlying Factors** by using the [Enrollment Interactive Visualization](#) and [New Student Profile](#) to explore how factors such as URM status, gender, and Pell status can influence disparities, enrollment, retention, and graduation rates of women and URM students in the department.
- **Develop Targeted Strategies** that focus on recruitment and retention to address the inequities and attract more women and URM students to the Computer Science program, provide mentorship and support for women and URM students in the program, and promote gender equity and inclusivity within the campus.
- **Ensure Effectiveness** of the strategies by monitoring enrollment rates of women and URM students in the Computer Science program to ensure they are being supported throughout their academic journey and adjust strategies as needed.

