

Course FTES Data Use Case



Case Study

- The Department Major Advisor has noticed that the department is facing challenges with class scheduling and resource allocation. They are experiencing issues such as overcrowded classrooms, underutilized resources, and difficulty in meeting student demand for specific courses. The Advisor aims to utilize comprehensive course FTES data to make informed decisions to optimize resource allocation, improve class scheduling, and enhance the overall student experience to help the university to be more efficient, effective, and responsive to the needs of its students.
- To address the problem of inconsistent class scheduling and resource allocation at San Diego State University (SDSU), you can utilize the resources available on the ASIR (Analytic Studies and Institutional Research) course FTES data website effectively.



Methodology

- **Utilize** the [Course FTES data](#) available on the ASIR website to analyze historical enrollment data to identify trends and patterns, identify courses with consistently high or low enrollment, and predict future enrollment demand based on historical data.
- **Optimize Class Scheduling** by using the [FTES, Courses & Sections Visualization](#) to determine optimal class sizes and scheduling and allocating resources (e.g. classrooms, faculty) effectively based on enrollment demand.
- **Maximize Resources Efficiently** by identifying underutilized resources (e.g. classrooms, labs) and re-allocating them to high-demand areas, considering course enrollment and teaching load when assigning faculty workloads, and developing strategies increase the utilization of resources, such as offering more [online courses](#) or flexible scheduling options.
- **Inform Planning and Development** by identifying programs with high demand and potential growth, as well as programs with declining enrollment and potential for restructuring, to inform decisions about curriculum development and resource allocation

