

Types of Data Used

LABOR MARKET INFORMATION

High demand jobs, wages, and employment projections



HIGHER EDUCATION PROGRAMS

Program, courses, and educational outcomes



STUDENT WORKFORCE OUTCOMES

Return on investment for student entering the workforce

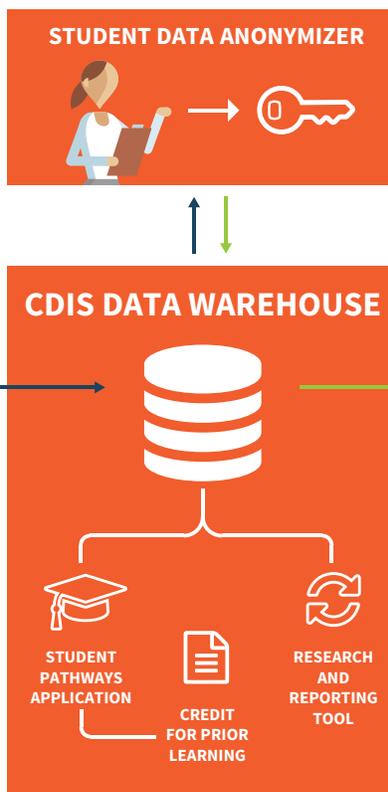


AGGREGATE ACADEMIC OUTCOMES

Alignment of program and students with employment demand



Data Storage



DATA WAREHOUSE



A powerful hub of labor market and educational data from local, state, and federal sources, with strong focus on security and the centralized management and distribution of information.

Data Output

STUDENT PATHWAYS APPLICATION



This application is designed to help jobseekers and prospective students make informed decisions about career options and to understand the role MA community colleges play in pursuing them. Supported by current labor market information and college offerings, the site provides an engaging experience that culminates with a detailed action plan to drive enrollment.

CREDIT FOR PRIOR LEARNING



This system streamlines and promotes the process of assessing Credit for Prior Learning through a portal that brings together students and the support staff within the college. The site centralizes all activity through an interactive and comprehensive interface. In addition, it coordinates the coaching of ePortfolio candidates and provides a repository for creation and evaluation of portfolio documentation.

RESEARCH AND REPORTING TOOL



This browser based tool puts in-depth analysis and research in the hands of institutional researchers, faculty, and workforce development staff. Longitudinal data can be accessed that focuses on efficacy of academic programs, local and state-wide labor market demand, and the real-world success of program completers in the employment market place.

Who Uses the Data?

The GPSTEM Comprehensive Data Integration System puts critical labor market and educational data into the hands of students, businesses, and institutional researchers tasked with aligning academic programs and outcomes with employment demand in order to drive positive economic impact within the State.

ADMINISTRATORS/ INSTITUTIONAL RESEARCH



ADVISORS/ JOB COUNSELORS EDUCATORS



STUDENTS AND WORKERS



BUSINESSES



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