CED Data and Analytics—Menu of Services

ACCREDITATION AND COMPLIANCE ANALYTICS	
Accreditation and Compliance Analytics	Supporting accreditation reporting, preparing external deliverables, and managing compliance documentation
DATA MANAGEMENT & INTEGRATION	
Data Extraction/Reporting	Extracting and summarizing data from various sources; automate recurring reports (sources include - SISCS Oracle database, CED SQL & Access databases, Financial Aid, Qualtrics, MS Forms etc.)
Review of Existing Data Extracts/ Reports	Providing quality assurance and improvement suggestions (comparing data from internal shadow systems, Office of the Registrar or Institutional Research vs Student Information Systems)
Data Integration	Combining data from multiple sources into a cohesive dataset; assisting with data to support applications and systems, such as fellowship data (demographics, financial aid info, fellowship applications & acceptances), Power BI dashboards, strategic program assessments, program audits (enrollment and outcome data)
DATA ANALYSIS & VISUALIZATION	
Data Analysis	Interpreting data and creating reports; summarizing insight, patterns, and trends
Data Visualization/ Dashboard Development	Creating visual representations of data; building and maintaining dashboards (Power BI/MS Excel)
SURVEY DESIGN & ANALYSIS	
Survey Instrument Design/Deployment	Designing effective tools for collecting data (Qualtrics/MS Forms); support deployment and management of survey
Survey Response Analysis	Analyzing survey results to extract meaningful insights
Survey Consultation	Offering guidance on survey design and implementation
CONSULTATION & STRATEGIC DATA USE	
Data Consultation	Providing consultative guidance and supporting colleges, programs, and units in identifying data needs aligned with goals, formulating plans to collect, manage, and use data, and assisting in implementing solutions to extract, integrate, analyze, and visualize the data.
Strategic Assessment/ Planning Data	Supplying data—such as tracking student performance, milestones, course enrollment, class size, fellowship awards, and more—for college and program/unit budget planning, strategic planning, and assessments.
Program Audit Data	Supplying data—such as enrollment, graduation, application, admit, yield trends, retention, time to degree, milestone, and course enrollment.
TRAINING & WORKSHOPS	
Training/Workshop Conducting	Conducting customized sessions to enhance skills and knowledge accessing data (e.g., how to use reports and dashboards)