DATA DISCOVERY & TRANSFORMATION
Through the analysis of tables and data relationships in the source systems, the Reporting & Analytics team works to transform data into coherent and meaningful structures that are ready for use by report developers.

DATA VALIDATION & TESTING
Through extensive validation and testing of data brought into the reporting environment, the Reporting & Analytics team is helping ensure that all data in scope meets high quality standards and becomes the authoritative source of data for consumers and developers.

DATA DEFINITIONS
By providing definitions vetted by the Reporting & Analytics Committee, the Reporting & Analytics team helps steer campus consumers to share consistent and accurate interpretations of all data fields in the reporting environment.

DATA ACCESS & SECURITY GUIDELINES
By having an established data owner, the Reporting & Analytics team has been able to set up access rules for the data fields it manages. These guidelines help establish a baseline for all data consumers on what is appropriate use and help mitigate the risks of data being used inappropriately.

EXECUTIVE SPONSORSHIP
With departmental and sponsored project office representation, the members of the Reporting & Analytics Committee are responsible for ensuring the vision, governance, and benefits of ERAP’s Reporting & Analytics Services are successfully implemented.

CHARTER
By formally outlining the business needs, goals and scope, this document empowers the Reporting & Analytics team to utilize resources to meet project objectives.

DATA OWNER
By establishing a data owner for each system in scope, efficiencies in data management arise because the Reporting & Analytics team can look to a single authoritative source to aid in decision making for the administration and access of system data.

BENEFITS/OUTCOMES
- Single, Authoritative Source of Data
- Extensible & Scalable BI Solution
- Validated & Well Documented Data
- Data Self Service Reporting Capabilities for Ad-hoc Report Creation
- Standard Enterprise Reports & Dashboard
- Established Data Ownership & Governance of System Data
- Self Service Reporting Capabilities for Ad-hoc Report Creation
**PROJECT OBJECTIVES**

- Provide a single, authoritative source of data in the reporting environment for consumers and report developers
- Provide data that allows end users to accurately answer business questions
- Build an extensible and sustainable BI solution for research administration data
- Provide transformed and validated data that is well documented
- Provide access to research administration data to approved UC San Diego users, while ensuring appropriate limitations to sensitive data

**PROPOSAL & AWARD DATA**

TRANSACTION TOTALS AND AMOUNTS PROPOSED/AWARDED

**ACCOMPLISHMENTS**

**Data**
- EPD Data Model Validated, Built and Published
- EPD Data Field Definitions Added to Data Model
- Award Data Model Validated, Built and Published
- Award Data Field Definitions Added to Data Model

**Infrastructure**
- Data Access & Security Levels Identified for all Contract & Grant Data Fields
- Data Owner for Contract & Grant Data Appointed
- Data Access Request Process Established
- Report Access Security Model via ALTNG Roles Set Up and In Use
- Data Packages in Use by Partnering Departments for Ad Hoc Reporting

**Reports**
- Current & Pending Support Report Suite (9 Reports)
- Proposal & Award Lookup Tool
- Sponsor Finder Report
- ALTNG Roles Report
- ERAP Metrics Report for Monitoring Load Times and Usage
- EPD Export Control Data Report
- EPD Proposal Creation & Workload Reports for Sponsored Project Offices

Visit us on Blink @ http://blink.ucsd.edu/research/data-analysis/erap-reporting-project