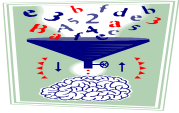




I N S I G H T S

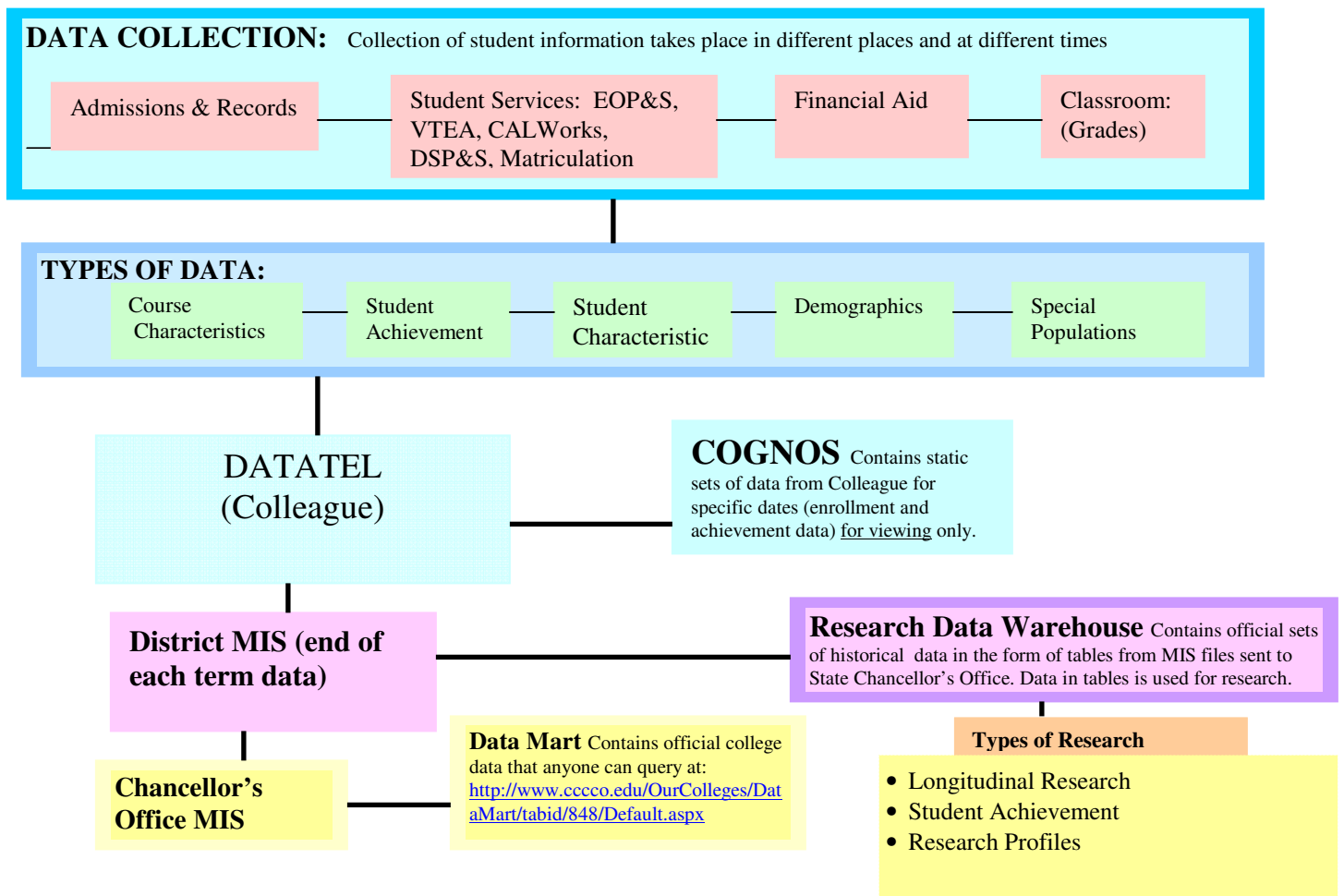


The Process of Data Flow and the Research Data Warehouse

The main database that the Research Office uses to conduct analysis is the Research Data Warehouse (RDW), which is a database composed of several tables that contain student, course, and outcome data -- all derived from Colleague (DATATEL). The RDW is a copy of the MIS files that Information Technology (IT) in the District Office sends to the State Chancellor's MIS Office for reporting purposes. Colleague, from DATATEL, is the data system where student information is collected on a daily basis and kept until data is extracted and sent to the State Chancellor's office (usually a couple of months after the semester has ended). One important difference between Colleague and the RDW is that information in Colleague is dynamic and constantly changing since information is updated on a daily basis. Data in the RDW is static and it contains historical information for the "First Census" and "End of Term" semesters.

Information in colleague is collected throughout the year and by different offices. The chart below illustrates the offices that contribute information into Colleague and the types of information that is collected.

Data Flow for Student Records at the College Level





Sources of Information for College Personnel

Two sources of information that college personnel should be familiar are the State Chancellor's **DATA MART** and the CCCCD **COGNOS**.

Briefly, the **Data Mart** is a place in the internet where anyone can extract official data by college reported by the State. The information in data mart is the data that the colleges submit officially to the State. Some information in Data Mart includes:

- Student demographics,
- FTES,
- Student Program Awards,
- Program Retention/Success Rates,
- Financial Aid,
- Staffing (demographics, salaries), etc.

To go to Data Mart just click the following link and follow the instructions. You can select the name of the college and the information about the college you are interested in querying. <http://www.cccco.edu/OurColleges/DataMart/tabid/848/Default.aspx>

COGNOS is a static set of tables (for observation only) and can be viewed as a “BIG CUBE” that contains several “cubes” (tables) of information from Colleague (DATATEL) that can be drilled down from GENERAL (DISTRICT) to specific (a class section). This is useful for monitoring enrollment at the college level or at a class section level. This is also useful for reviewing student characteristics and student performance. COGNOS also contains historical data. If you would like to have access to COGNOS for viewing District and College information about our students and classes, please contact the Office of Research.



The Role of the Office of Research in the Data Collection Process and

Data Reporting: Although the Office of Research has no direct role in the collection of student information entered into Colleague (DATATEL), it can identify data patterns that that may not look logical and alert the Offices in charged of data updating. The offices highlighted in the figure on the first page are primarily responsible for collecting and entering the information in the system and the Office of Research reports out what goes into the system.



The Research Agenda for the Spring 2008:

To examine the projects scheduled for this spring 2008, please visit the Research webpage and look under agendas:

<http://www.losmedanos.edu/newsitepages/research/index-testmenu.html>

INSIGHTS is a publication of the Office of Institutional Research. Forward any comments to hsale@losmedanos.edu.

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