UMS Index of Data Marts

A data mart is a subject-oriented database that is often a partitioned segment of an enterprise database or data warehouse. The subset of data held in a data mart typically aligns with a particular business unit like student data, finance, or human resources. Data marts accelerate business processes by allowing access to information relevant to a certain business area. It is an efficient, cost-effective way to gain actionable insights quickly.

Mission

This project will allow UMS to begin to build underlying data integration and business intelligence strategies to leverage contemporary tools while facilitating professional development of staff and stakeholders. Through this initiative, UMS will be afforded opportunity to explore best practices in the development of discrete, targeted datamarts that will serve core reporting, analysis and data mining needs of campuses while informing a viable, iterative enterprise-wide data warehousing strategy. This project will allow exploration of data extraction, data integration, data transformation and data management strategies driven by robust data governance, data architecture, database management, business intelligence and data analytics needs of the UMS community.

Data marts are currently under construction for Admissions and Finance.

Student Data (Campus Solutions) Data Marts
- Admissions Applicant Data Mart

Finance Data Mart
- Finance Data Mart Composition

Human Resources Data Mart

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