what is Business Intelligence?

Business Intelligence, also known as Academic Analytics, is the collecting, structuring, analyzing, and leveraging of data to turn it into easy-to-understand, actionable information.

Enterprise Resource Planning systems, like M-Pathways, capture and store data. BI builds on the benefits of the ERPs and the Data Warehouse by identifying patterns and correlations to provide decision-makers with critical insights.

Who Uses BI?
BI is used by University deans, directors, department administrators, staff supervisors, and those involved in strategic direction and tactical decision-making.

BI at the University of Michigan

- U-M Health System’s Patient Safety Indicator – Case Review System identifies patients who acquire a medical condition after being admitted, enabling UMHS to take corrective action and improve patient safety.
- Used by seven schools/colleges, the Scholarship Match Program combines data to automatically match students who qualify for scholarships with donor stipulations – saving time and effort.
- The LSA Key Performance Indicators (KPI) System enables the College of LSA to generate meaningful information for use in strategic decision-making, management of daily operations, and budget preparations.
- M-Dash, developed by the Medical School, turns statistical data into useful charts, graphs, and projections to help evaluate productivity of faculty members and departments and forecast future needs.

How Can BI Help Me?

There are many advantages to implementing BI practices in your unit:

- Improve operational efficiency
- Better utilize resources
- Make data-informed decisions
- Identify trends
- Reduce costs
- Empower staff
- Improve alignment

Get Started!
Watch a short, interactive tutorial on BI at: www.bi.umich.edu/learn

Learn more about the U-M BI Community:
www.bi.umich.edu
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Different Products for Different Information Needs

**M-Reports** is an accessible, easy to use, Web-based reporting application that allows U-M management and research leaders to efficiently analyze their unit’s management data in order to make data-driven decisions. Currently M-Reports includes Internal Controls – Employment Reports, Sponsored Research Financial Reporting and Space Utilization Reports.

**HR Metrics** is a data set that includes HR and Financial measurements to facilitate in strategic decisions involving human capital management and staffing trends. Accessed by the tool, ProClarity, drill-to-detail functionality allows users to “see the people behind the numbers” and alerts them to trends that may require intervention.

**Business Objects** is a query and reporting tool used to access 25 data sets in the U-M Data Warehouse. Data sets include Student, Financial, HR, Payroll, Research, Development, and Physical Resources information. There is no longer a departmental cost for Business Objects software. See your Unit Liaison for details!

Learn more about BI at MAIS: www.mais.umich.edu/projectinfocenter