

WashU IT Data Management & Analytics Promotional Flyer: *After*



WashU

Information Technology

Data Management & Analytics

Our Mission

Our mission is to empower university partners to identify trends, make informed decisions, mitigate risks, and tell their WashU stories by continually developing the WashU Data Warehouse, analyzing and visualizing university data, and providing training and support.

Services We Offer

- Data analytics
- Data architecture, modeling, and development
- Report and data visualization development
- Row-level security and role-based access control
- Data archival and secure storage
- Training and education
- Support and maintenance

Tools We Support

IBM Cognos Analytics

Good at crunching large volumes of data, but our team must build packages to develop reports

Microsoft Power BI

Intuitive tool that allows for aggregation, analysis, and sharing of data through visualizations and dashboards

Salesforce Tableau

Very good at visually representing data but can't crunch large volumes of data; more exploratory



Data Reporting

Our goal is to enable WashU faculty and staff to view data as a vital asset that can help them understand and monitor current performance.



Data Analytics

We support tools and offer services—training, data visualization, report building—that allow for easy analysis and insight-driven decision making.



Data Warehouse

WashU's strategic vision includes maintaining and expanding a centralized repository of data, the data warehouse.

What's in the Warehouse?

The WashU Data Warehouse includes several datamarts focused on specific business functions:

- Finance (Workday and legacy AIS)
- Human resources (Workday HCM and legacy HRMS)
- Research (Research Management System and NIH)
- Space (Workday and Archibus)
- Admissions (Slate undergrad; *Slate grad coming soon!*)
- Student (Workday; *legacy SIS, Canvas, and Monday.com coming soon!*)

Learn More About WashU
Data Management & Analytics



data.washu.edu



data@wustl.edu

Product Spotlight: Data Dives

Each Data Dive is an intuitive tool that allows anyone to explore a curated dataset, empowering units and departments to make informed decisions, spot trends, and fuel growth. *Dive in!*

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Information Technology

To be the trusted, strategic technology partner enabling the university's mission by delivering secure, innovative, and information-rich solutions.



Data Available in the Warehouse

Financial system

- Journals
- Awards
- Supplier
- Projects and gifts budget
- Operating budget*

Research and compliance

- RMS proposals
- Conflict of interest
- NIH public data

Academic and student

- Course data
- Academic record
- Slate admissions
- Census 4th & 10th week*

Employee management

- Jobs
- Positions
- Payroll actuals*

Other

- Archibus
- Institutional loan management

Legacy systems

- AIS financials
- HRMS
- STAR

* Coming Fall 2025

Data Management & Analytics (DMA)

Our focus is on enabling informed decision making, empowering self-service analytics, fostering a connected data environment, and centralizing data assets to enhance collaboration.

Our Services

- **Custom reporting and dashboards** – Tailored solutions for insightful decision-making
- **Data architecture and modeling** – Scalable data design that enables consistent, high-quality, and future-ready data solutions
- **Data management** – Secure storage, archival, and easy access to historical data
- **Platform and security support** – Ensures that data solutions are built on secure, reliable, and scalable infrastructure, enabling trusted access, compliance, and performance across the enterprise
- **Training and education** – Empowering your team with expert training and resources

Enabling your decisions with the right tools

We can guide you to the most effective strategy tailored to your unique goals, equipped with the ideal tools for informed and efficient decision-making.

Cognos

- **Data-driven insights:** Designed to handle large and complex data sets with efficiency and reliability.
- **Customizable reporting:** Offers powerful package-based development for tailored and governed reporting solutions.

Tableau

- **Visual data exploration:** Transforms complex data into interactive, user-friendly visual narratives.
- **Flexible and scalable:** Ideal for small to medium data sets; scales well with Tableau Server and Prep flow for broader business intelligence infrastructure needs.

Power BI

- **Interactive visualization:** Empowers users with dynamic dashboards and real-time data insights.
- **Self-service business intelligence:** Best suited for small-to-medium data volumes, enabling rapid ad-hoc analysis and seamless integration with Microsoft ecosystem.

