

ENTERPRISE DATA WAREHOUSE

DATA WAREHOUSE FAST FACTS

July 2020 - July 2021

- > 1.4 million queries
- 1,000+ unique users
(includes 800+ BI Portal users)

Who uses the EDW?

- Business Analysts
- Developers
- Data Custodians
- System Administrators
- System Integrators
- Department Administrators

BI Portal users rely on data from the EDW.

BOTTOM LINE

Get the data you need to make informed decisions that support the UW community.

The EDW is one service in the Enterprise Data Platform portfolio that consumes, integrates, manages and provides data to UW.

OVERVIEW

The Enterprise Data Warehouse (EDW) is a secure, central system of reference that integrates data from many sources across UW to support better, faster, and more informed decision-making.

Sometimes the EDW data you seek is available among the scores of off-the-shelf reports, visualizations, and cubes in the BI Portal and UW Profiles. When it's not, you can query the data directly from the EDW.

The EDW provides data from these subject areas:

- Finance
- Human Resources and Payroll
- Academic
- Research Administration
- Advancement

WHY CHOOSE THE EDW?

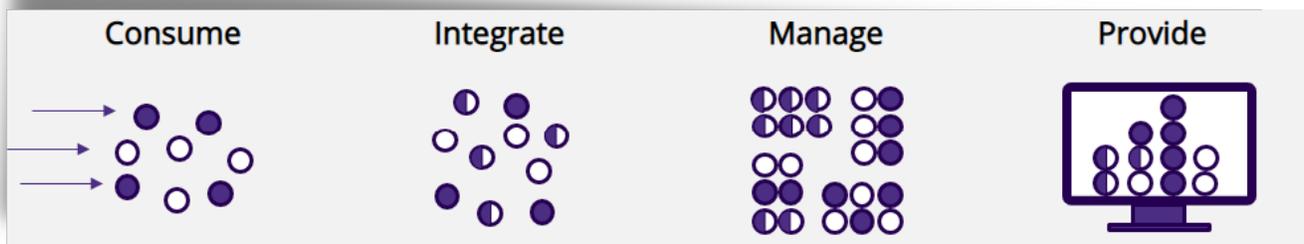
- Allows users to find new data relationships that deliver new perspective or insight

ADVANTAGES

- Secure access
- Current and historical data for trend reporting
- Stable data throughout day – good for reporting
- Supports common data tools like Excel, Tableau, Power BI and SQL which are familiar to campus analysts
- Broad datasets to answer new and complex questions

CONSIDERATIONS

- Data refreshed once a day
- Requires understanding of business context for UW data



EDW Case Study - Office of Global Affairs

GOALS

- Showcase UW's Global Engagement
- Create an engaging, interactive publicly available global map using data visualizations to demonstrate UW engagement around the world along with some real stories
- Create accessible data for our international partners and students

CHALLENGES

- One staff member
- Small budget
- Must be useful for marketing
- BI Portal was not the right answer

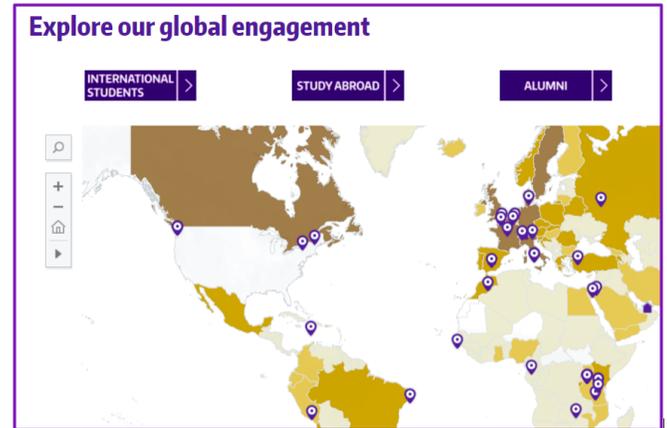
PRIORITIES

- Use institutional data as much as possible
- No locally curated data, no duplication of resources
- Must sync in real-time with UW data
- Must work with third party applications

RESULTS

- Website is popular with target audience and accessible from any browser
- Successfully showcases breadth of student and alumni engagement across the globe
- UW senior leadership uses map to demonstrate UW's global engagement in discussions with partner universities and on international trips

www.washington.edu/global

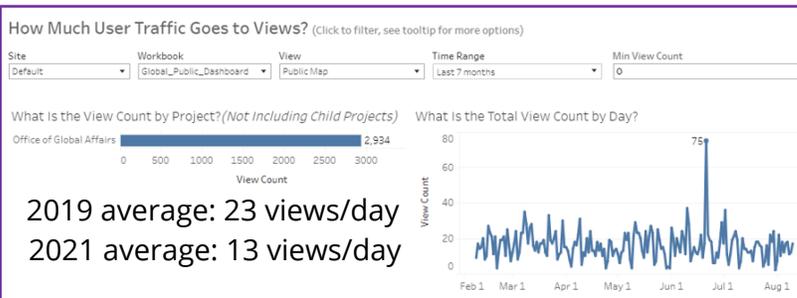


HOW SUDHA SHARMA DID IT

- Submitted a request to Help@uw.edu
- Worked with EDW, EWS and data teams
- Published to UW's Tableau server and third party app, Terra Dotta
- Collaborated with UW-IT, Advancement, & Research
- Reach out to learn more!

"I'm glad UW-IT exists because I wouldn't be able to do what I do..."

*Sudha Sharma, Global Affairs
Senior Computer Specialist*



QUESTIONS

help@uw.edu Subject Line "EDW"

Learn more about all Enterprise Data Services: itconnect.uw.edu/work/data/