Data Governance Update

Office of Institutional Research, Assessment & Effectiveness

Cognos Users Group

May 2018

We are a data community.
We ALL do ‘data governance.’

- Data an institutional asset
- Quality data for decision-making
- Clear definitions and report/dashboard specs
- Documentation of reporting business logic (move away from tribal knowledge)
- Effective use of this university asset

http://www.purdue.edu/oirae/DataGovernance.html

Testimonials

Kristina Wong Davis
Vice Provost for Enrollment Management

"Data is such an important tool for decision-makers across the institution. It is essential that we all have a common understanding of what those various data elements are in order to appropriately analyze and interpret. The Purdue Data Cookbook will be a fundamental resource in building an understanding of our institutional data."

Articles

OIRAE Implements "Data Cookbook"

Purdue starts data certification program for key reports and dashboards

Success Stories

Archive

Data Governance

Data are an institutional asset. Quality data along with standard, consistent data definitions, business logic and reporting practices allow for efficient operations as well as strategic decision-making. Data governance allows for the most effective use of this valuable, growing asset. It builds relationships among stakeholders by creating a focus across subject areas that allows for new perspective and vision. Strategic decision-making based upon a common understanding of University data is vital for successful institutional initiatives.

Data Governance at Work

- **Data Cookbook available and Phase 2 has begun**
  - 130 approved definitions
  - 270 people with accounts
  - Phase 2 - March - July 2018
  - Use your Purdue career account to create an account
    https://purdue.datacookbook.com

- **Data Quality Projects**
  - Official Seal for certified Purdue Data - task force
  - STEM and ICE indicator fields in Cognos student data
  - Graduate Student improved data reporting assessment project

For questions please contact: **DataGovernance@purdue.edu**

PURDUE UNIVERSITY | Office of Institutional Research, Assessment and Effectiveness
INFORMATION TECHNOLOGY

Data Governance Projects

- Graduate Student Reporting
- STEM reporting – Cognos/ODS
- Official Seal Task Force – Certified Data
- Data Cookbook – Phase 2 and beyond

Official Seal - Data Certification Task Force

PurdueTODAY

April 30, 2018 Current web edition

Faculty and Staff News

Purdue starts data certification program for key reports and dashboards

Purdue will begin putting a seal of approval on more than three dozen reports and dashboards integral to high-level discussions and decision-making. The seal certifies the report data as vetted and approved, with any shortcomings clearly identified.

Other Stories

- Purdue Today summer schedule
- This week's 'Thumbs Up' recipients

In the Spotlight

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Newsroom / Purdue starts data certification program for key reports and dashboards

NEWSROOM

Purdue phone replacements rolling

Purdue to add two-factor authentication for all faculty and staff during spring semester

Dawn or Doom conference book available, organizing committee taking speaking and collaboration proposals

Replay app makes a game of becoming a wine expert

Virtual reality simulator is designed to protect construction workers from falls

ITaP Newsroom 2017

Purdue starts data certification program for key reports and dashboards

Key reports used by University leaders to make high-level, strategic decisions will soon carry a seal that certifies the report's underlying data and associated calculations, making them the authoritative source for information on a subject.

Gerry McCartney, executive vice president for information technology and chief information officer, says the change, while relatively small, packs a punch.

"The goal is to end situations where we have multiple reports, often with conflicting numbers, from which decision-makers somehow have to glean the necessary information," McCartney says. "Now, we'll have one certified version of each of these key reports that can be used to make informed decisions."

The creation of the seal and the process for certifying reports was spearheaded by the Office of Institutional Research, Assessment and Effectiveness as part of Purdue's data governance initiative. OIRAE also implemented Data Cookbook, an online repository of data definitions, in November in connection with the project.

The seal lets users know that a report is the University's authoritative source for information on the subject, vetted and approved with any shortcomings clearly identified.

Diane Beaudoin, Purdue's chief data officer, says the seal and certification process were developed by a **campus-wide task force of leaders and data owners**. The group identified approximately 40 reports from the student, business and research areas. The official seal task force will begin its vetting process with the reports and dashboards for enrollment and for retention and graduation rates.

Anyone who has data quality comments on either of these reports is welcome to email their concerns to **datagovernance@purdue.edu.**

Do Not Copy

Data Cookbook

- Data Cookbook software
  - Part of the bigger Data Governance effort
  - Enterprise source of data definitions, standard reports and dashboards
  - Cloud-based, accessible via Purdue Career Account
- Phase 1 successful completion - October 2017
  - Created functional areas, definition standards and workflow
  - Training materials
  - Converted the OIRAE Data Dictionary - 270+ definitions

The value of Data Cookbook - as an enterprise repository of institutional knowledge. And a great resource for new and current staff.

Functional Data Owners

- Admissions – Steve Lipps
- Alumni/UDO – Greg Kapp
- Finance – Transformation Team
- Financial Aid – Joel Wenger
- Human Resources – Transformation Team
- Instructional Activity – Monal Patel
- Physical Facilities – Transformation Team
- Research – Stephanie Willis
- Space – Kim Rechkemmer
- Student – Kylie Edmond
- Student Life – Kevin Maurer

Phase 2 in progress
Audience is ‘savvy consumer’

- Enterprise upgrade
  - Spec (report/dashboard) functionality
  - Evaluate other new functionality for future phases
- Portal pop-out functionality – Cognos/Data Cookbook
- Creation of standards for creating a Spec
- Documentation and training for those creating specs
- EAM functional definitions to support one approved EAM report spec
- Additional functional definitions to support one approved Student report spec
- Infrastructure in place to support the use of an “official seal” aka Data Certification
- Communication, education
- Ongoing support model by OIRAE for Data Cookbook

Project Team – Phase 2

Functional Lead - Sarah Bauer

Project Manager - Rhonda Abbott

- OIRAE - Ottlie Web
- **Academic Reps**
  - Kendal Kosta-Mikel, College of Science
  - Abby Snodgrass, College of Agriculture
- Registrar – Kylie Edmond and Ryan Jones
- Enrollment Management Analysis & Reporting – Steve Lipps
- Enterprise Asset Management (EAM) – Michelle Kidd
- BICC - Kevin Gillenwater, Richard Lucas, Zach Yater, Ryan Bousman
- Transformation team – Tonya Yoder (Susie Geswein, Annalisa Corell)

Sponsors

- Diane Beaudoin- chief data officer
- Rita Clifford – director, IT Enterprise Relationship Management
- Paula Kayser - interim director, BICC

Data Governance / Data Cookbook

https://www.purdue.edu/oirae/DataGovernance.html

datacookbook

Create a Data Cookbook account:

https://purdue.datacookbook.com

Also available under OneCampus

Feedback or questions:

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