Data Governance Newsletter

BUSINESS GLOSSARY INITATIVE

How often are two departments asked to give numbers, and the numbers compiled don't match?

- Could the data be bad?
- Did one department make a mistake?
- Or is each department using a different definition when compiling the numbers?

We all want to give the right information and answers to questions. The only way that this can happen is if we all come together to create and agree upon definitions for commonly used groups, terms, and analysis.

Data Cookbook	DG Timeline:
Data Cookbook is a web application that the university has access to that allows us to collaborate and store definitions. Some effort was put forth a few years ago by different departments to create a business glossary, and we are looking at reviving that effort. **Successful Implementation Outcomes:** • Understood Vocabulary – cross multiple areas • Report Integration – easy to add and update • Transparency – easy to access approved definitions • Security Compliance – clarity on how data should be used and/or stored	**February:** Reaching out to different department to take maturity assessment **March:** Data Cookbook Beta Testing/Finish assessments and compile results **April:** BI Community Data Governance Meeting to look at high level results and review current priorities

DATA COOKBOOK ROLES IN THE DEFINITION WORKFLOW

Data Administrators	Data Custodian	Data Steward
Definition Drafting	**Definition Review**	**Definition Approval**
These are the individuals that utilize or maintain the data. They understand how the data should be pulled and what the data means. They can work with other administrators to determine if the data is collected in other systems (duplicated) or if adjustments should be put forward for better integrity and clarity.	They review definitions to determine if they are ready for final approval. They work with other departments and understand how the data is being used and may know where definitions cross different areas. They are aware of security issues surrounding the data and can give recommendations towards how it should be used.	Gives the final approval for all definitions. This approval includes not only reviewing the definition but also making sure that definitions security classification complies with federal, state, or university policy/regulations.

Data Governance Contacts

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For more information check out www.bi.utah.edu/data-governance

Data Governance Mission Statement

Utilize data management standards, data models, collaboration, and transparency to help departments expand their data usage and analysis.
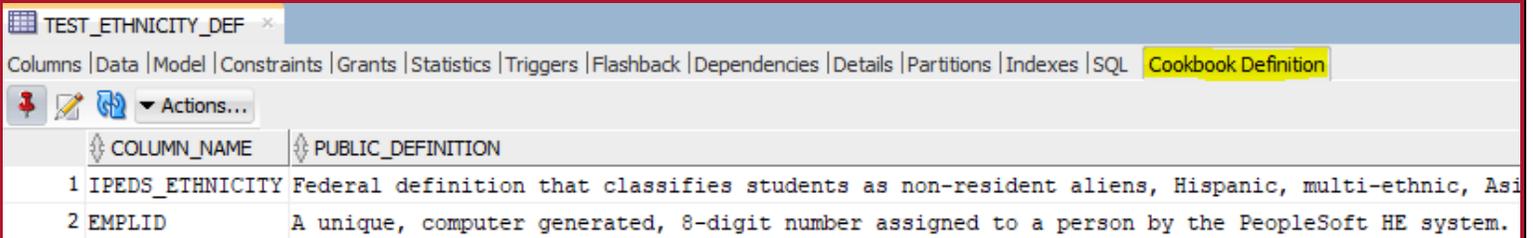
Proposed Data Cookbook Definition Workflow

Definition drafting

Data Custodian Review

Data Steward Approval

Approve

Rejected
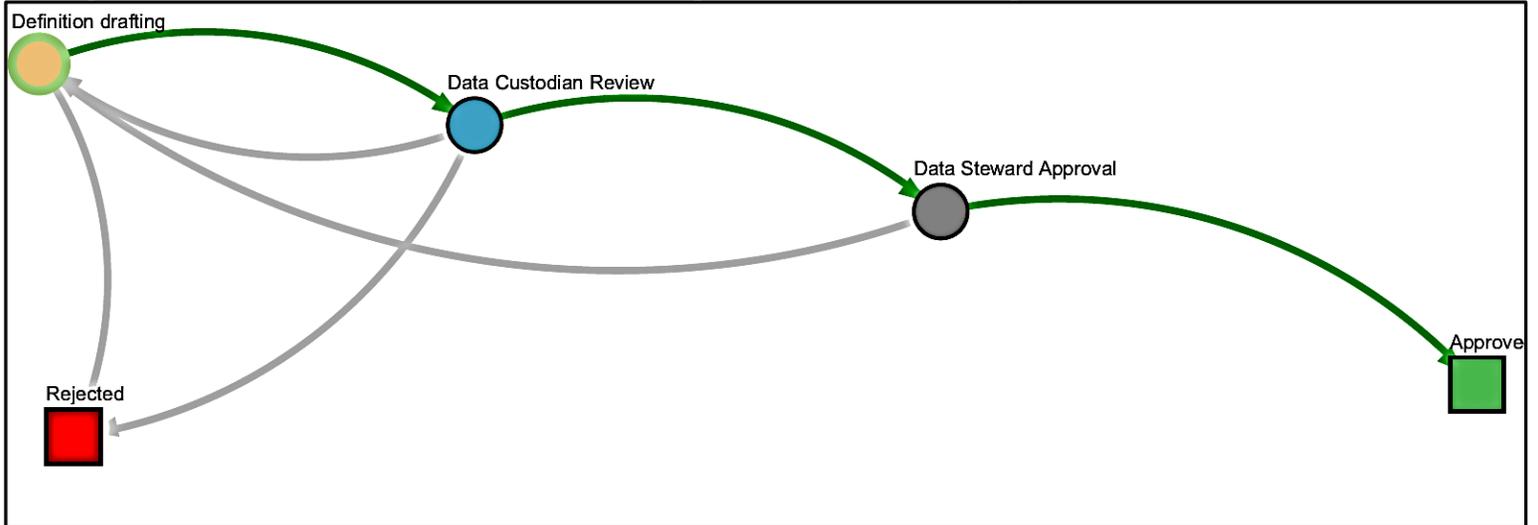
Data Cookbook Uses
EXAMPLES OF WHAT INTEGRATING THE DATA COOKBOOK LOOKS LIKE

Operational Data Stores (ODS)

SQL Developer allows for an additional tab to be added to tables.

TEST_ETHNICITY_DEF ×

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL | Cookbook Definition

Actions...

	COLUMN_NAME	PUBLIC_DEFINITION
1	IPEDS_ETHNICITY	Federal definition that classifies students as non-resident aliens, Hispanic, multi-ethnic, Asi
2	EMPLID	A unique, computer generated, 8-digit number assigned to a person by the PeopleSoft HE system.

Tableau Reports

Similar to SQL Devleoper we can use custom SQL to add a definition tab to reports.

Ethnicity Report | Report Definitions

Data Cookbook Definitions

EMPLID	A unique, computer generated, 8-digit number assigned to a person by the
IPEDS_ETHNICITY	Federal definition that classifies students as non-resident aliens, Hispani
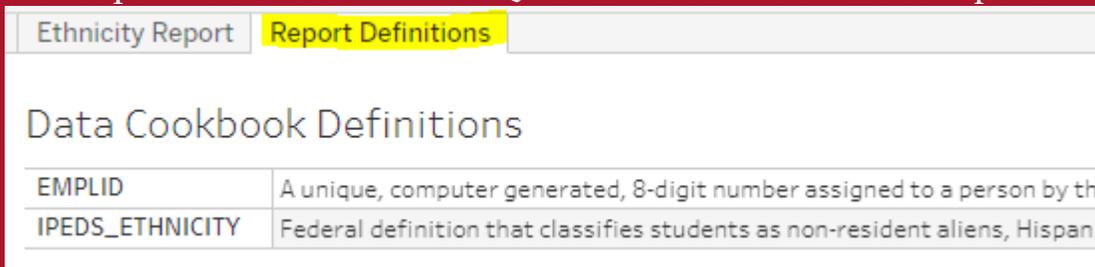
Other Systems or Reporting Tools

Interested in getting the data cookbook definitions integrated with other tools. Let us know.