Data Governance at Stanford

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Data Governance

DG is the formalizing of behavior around the definition, production and usage of data to manage risk and improve the quality and usability of the selected data.*

* As the quality and the usability enables more efficient and effective operational processes and strategic decisions.

Non-Invasive Data Governance, Robert Seiner, TDAN
Data Governance Components

**PEOPLE**
- Authority
- Data Stewardship
- Business Role
- Collaboration
- Accountability
- Cultural Attitude

**POLICY**
- Policy Management
- Communication
- Issue Resolution
- Decision Rights
- Performance Mgmt
- Info Flow Mgmt

**TECHNOLOGY**
- Data Policies and Rules
- Process Orchestration
- Compliance Monitoring
- Modeling
- Master Data
- Data Quality Mgmt

From the Kalido DG Maturity Model
Data Opportunities at Stanford?
Stewardship

• Resolve institutional data definitions

• Resolve institutional code sets

• Develop data decision rights matrix
Data Quality

- Develop data content and structure standards
- Develop quality thresholds
- Design and implement data-improvement workflows

Out-of-Domain Values

- ODS 1
- ODS 2
- ODS 3
Ongoing Foundation-Building

• Develop an institutional data dictionary
  – Build consistent understanding

• Document institutional data flows
  – Understand cross functional impacts

• Model data shared across the organization
  – Reconcile functional “versions of the truth”
Contact Info

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Resources

• Data Governance Website
  – http://dg.stanford.edu/

• Data Governance Wiki
  – https://asconfluence.stanford.edu/confluence/display/~mhoying/Home

• This presentation

• The presentation supplement (newsletter)