

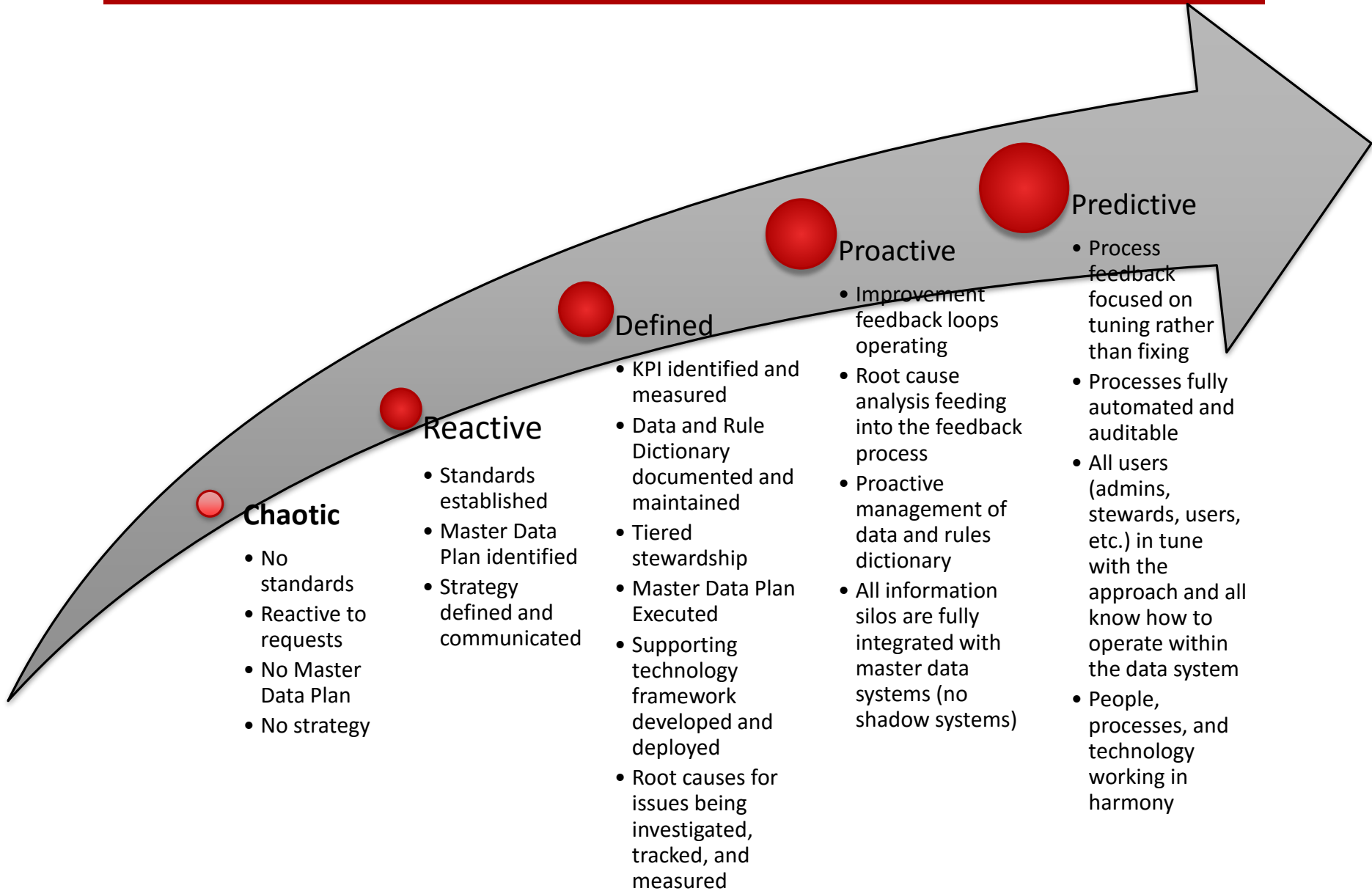
# **Approaches to Data Governance for Informing Campus Stakeholders**





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**Data as an asset**



# Why is Data Governance important?

## Data Lockdown

- Data are a liability
- Processes governed by fear
- No transparency
- Multiple versions of the truth
- Complaints from users
- Shadow systems to meet user needs
- One unit is the data owner

## Open Access to Data

- Data are a liability
- Processes not governed
- Multiple versions of the truth
- Complaints from decision-makers
- No QC so data are governed by outputs
- Every unit is the data “owner”

# Data Governance Spectrum

Data  
Lockdown

Open  
Access to  
Data

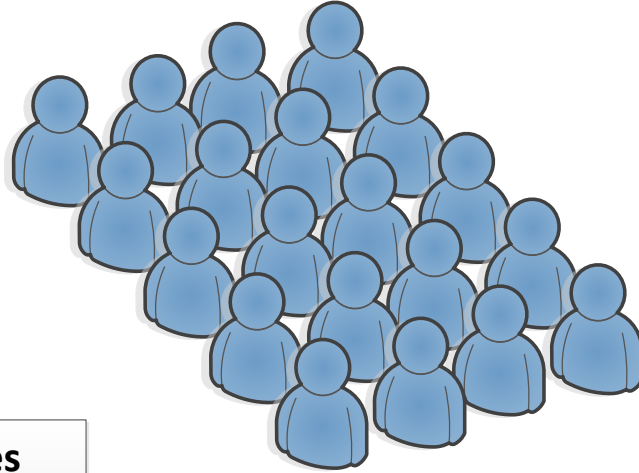
### Optimal State

- Data are an asset
- Moderated risk
- Governance processes in place
- Organizational trust
- Data are owned by the institution

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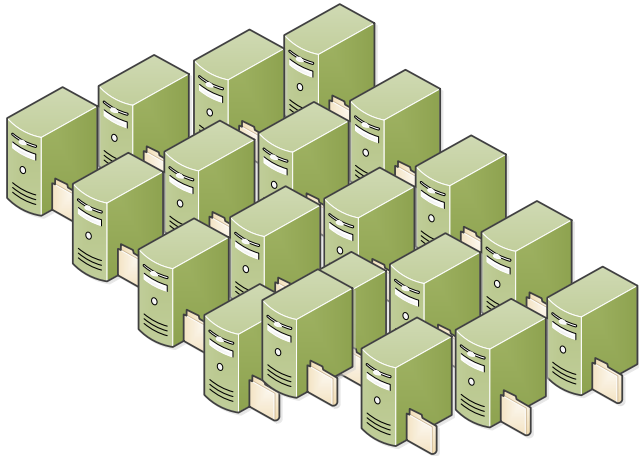
# Data Governance Spectrum

Proliferation of Users

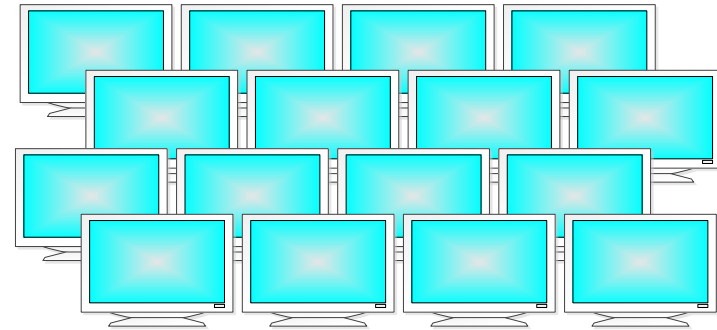


Proliferation of Data Sources

(Structured & Unstructured)



Proliferation of Tools



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# A Perfect Storm

# Data and Information Governance Framework

## Data and Information Strategy Council

- Executive leadership
- Align data governance to USC System's strategic priorities
- Authorize initiatives and investments

### Chief Data Officer

#### Data Standards

- Data Standards & Dictionaries
- Procedures & processes
- Communication & documentation
- User Training

- Monitor & resolve data quality issues
- Gather user feedback
- Improve business processes
- Control system changes

#### Data Quality & Integrity Assurance



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#### Data Stewardship

- Data Stewardship Council
- Operationalize policy & standards
- Compliance – Privacy – Security
- Institutional Data Review Board

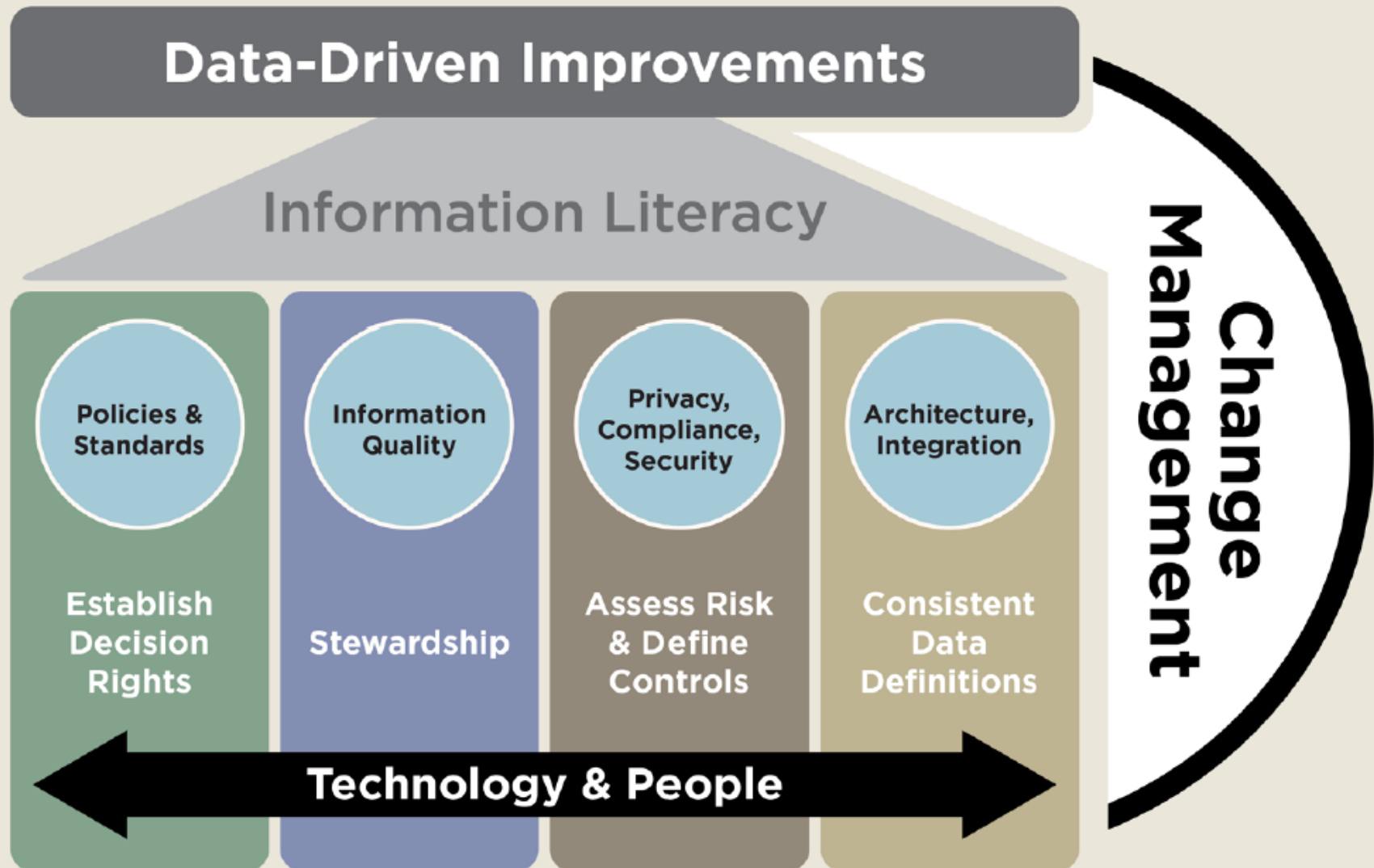
#### Identity & Access Management

- Specify identity requirements
- Resolve identities
- Administer access & permissions
- Improve accountability

#### Reporting, Analytics, & Decision Support

- Reporting & data inventory
- Collaboration & development
  - Analytics Community of Practice
  - Data Visualization Task Force
  - Data Warehouse Collaborative

# Data Governance Framework





- Institutional buy-in
- Someone is on point
- Designed with improvement as the key driver
- Promotes data literacy
- People and relationships are key
- Acknowledges the need for risk management
- Recognizes the nuances of higher education

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# Themes