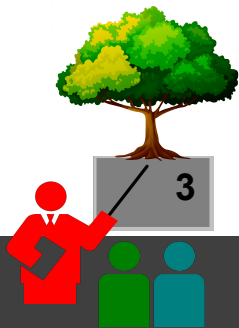


Real-World Data Governance

Navigating the Data Jungle – Catalogs, Glossaries, and Dictionaries Explored

Monthly Webinar Series Hosted by DATAVERSITY

Robert S. Seiner – KIK Consulting
September 19, 2024 – 11:00 a.m. PT / 2:00 p.m. ET





The Social Platform for Data



Kirit Basu
Head of Product

What We Do Better

Search & Discovery

Self-Service

- ✓ AI Universal Search across your stack
- ✓ Data Provenance via Lineage
- ✓ Catalog embedded in Slack and Teams

Data Literacy & Enablement

Modern & Connected

- ✓ AI Generated Documentation
- ✓ Institutional Knowledge Capture
- ✓ Data Insights through Browser Extension



Data Governance

Agile & Inclusive

- ✓ Data Mesh and Data Products
- ✓ Data Ownership and Classification
- ✓ Data Contracts

Troubleshooting & Maintenance

Powerful & Integrated

- ✓ Impact Analysis
- ✓ Root Cause Analysis
- ✓ Support Request Workflows

Navigating the Data Jungle

Introduction

Real-World Data Governance – Monthly Webinar Series

October 17, 2024: Unlocking Data Governance's Potential Through Data Stewardship
Third Thursday each Month @ 2pm EST – Register at TDAN.com, KIKconsulting.com, DATAVERSITY.net

Dataversity DGIQE and AIGOV Conference

December 9-12, 2024: Washington, DC
Tutorial: Build an Effective AI and Data Governance Joint Framework
Session: Re(setting) a DG Council in Federal Government

Non-Invasive Data Governance / Non-Invasive Data Governance Strikes Again Books

2014: ISBN 9781935504856 / TechnicsPub.com / Amazon.com
2023: ISBN 9781634623599 / TechnicsPub.com / Amazon.com

Non-Invasive Data Governance / Metadata Governance Online Learning Plans

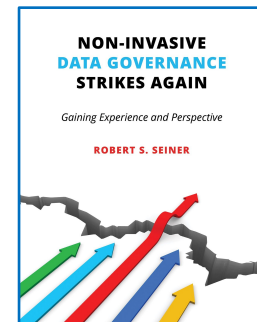
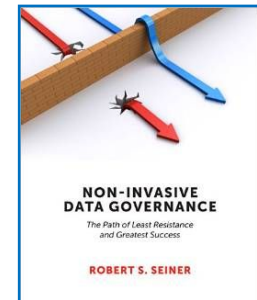
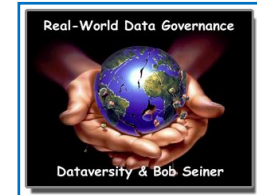
Most Recent: Business Glossaries, Data Dictionaries and Data Catalogs
DATAVERSITY Training Center – <https://training.dataversity.net>

KIK Consulting & Educational Services

KIKConsulting.com
The Home of Non-Invasive Data Governance™

Carnegie Mellon University (CMU)

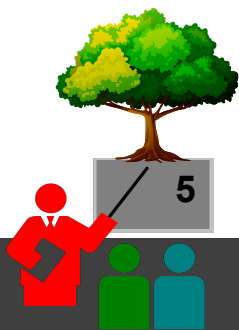
Adjunct Faculty: Heinz College Executive Education – **Chief Data and AI Officer (CDAIO)** Certificate Program



Navigating the Data Jungle

Abstract

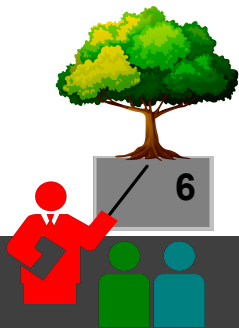
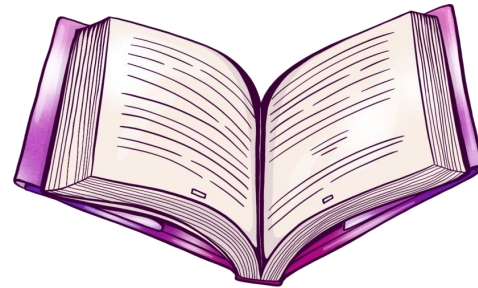
- In this webinar, I will talk about ...
 - Demystifying Data Catalogs and Their Implementation
 - Unlocking Business Glossaries to Achieve Common Business Language
 - Hunting Down the Best Way Leverage Data Dictionaries
 - Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact
 - Stories of Organizational Success in Navigating the Data Jungle



Navigating the Data Jungle

Definitions

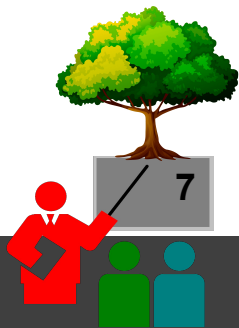
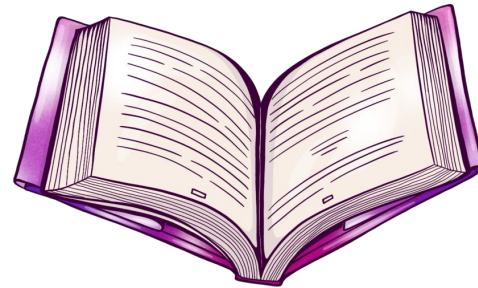
- Data Governance – The execution and enforcement of authority over data.
- Data Stewardship – Formal accountability for data.
- Data Steward – A person held formally accountable for their relationship to the data.
- Navigating the Data Jungle – Bravely hacking through the dense undergrowth of spreadsheets, systems, and scattered information, all while dodging wild reports and untamed analytics, to finally discover the hidden treasure of clear, organized, and actionable data.



Navigating the Data Jungle

Definitions

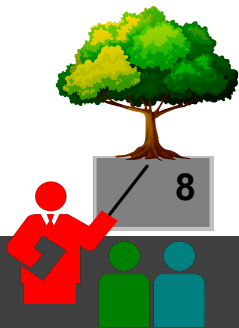
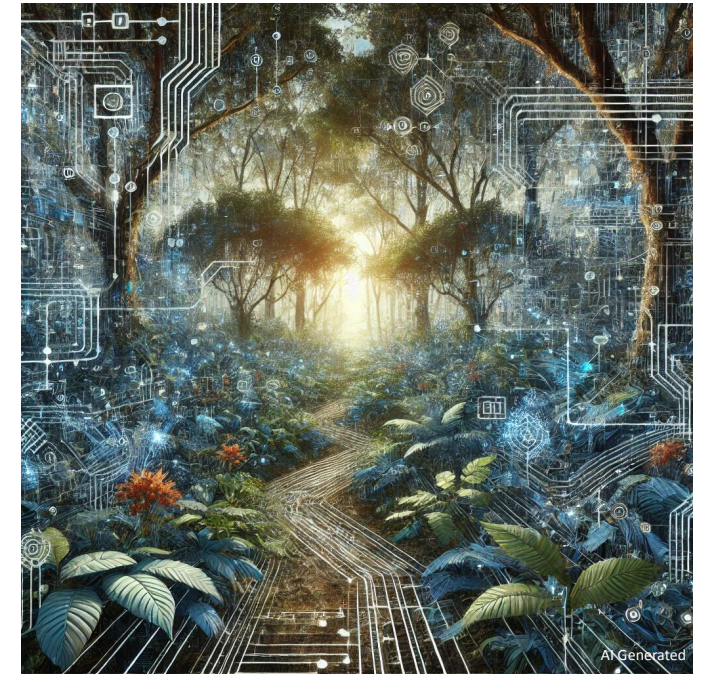
- **Data Catalog** – A well-organized, digital library that documents all the data assets across the organization. It provides a centralized, searchable inventory that details where data is located, how it is structured, who is responsible / accountable for it, and how it is connected to other data.
- **Business Glossary** – A centralized repository that defines and standardizes key business terms and concepts across the organization.
- **Data Dictionary** – A reference tool that provides detailed definitions, descriptions, and attributes of data elements within the organization.



Navigating the Data Jungle

Demystifying Data Catalogs and Their Implementation

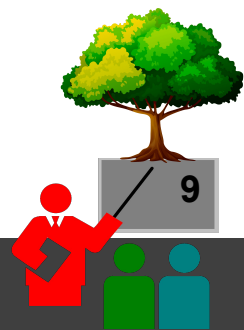
- Understanding the Core Components of a Data Catalog
- Best Practices for Catalog Selection and Deployment
- Strategies for Aligning Catalogs with Business Objectives
- Ensuring Data Quality and Consistency Through Catalog Governance
- Overcoming Common Challenges in Data Catalog Adoption



Navigating the Data Jungle

Demystifying Data Catalogs and Their Implementation

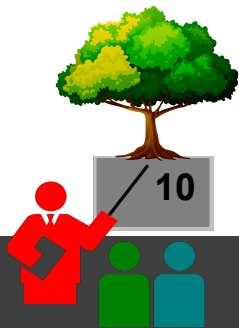
- Understanding the Core Components of a Data Catalog
 - Map the Data Terrain
 - Identify Hidden Data Treasures
 - Chart Data Lineage
 - Ensure Safe Passage with Metadata
 - Build Bridges with Business Users



Navigating the Data Jungle

Demystifying Data Catalogs and Their Implementation

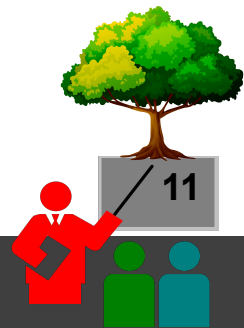
- Best Practices for Catalog Selection and Deployment
 - Choose the Right Compass for Your Data Journey
 - Align Catalog Capabilities with Business Needs
 - Navigate Vendor Options with a Non-Invasive Approach
 - Prepare the Ground for Seamless Deployment
 - Ensure Continuous Adaptation and Growth



Navigating the Data Jungle

Demystifying Data Catalogs and Their Implementation

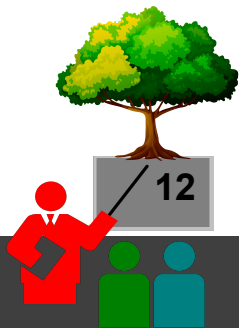
- Strategies for Aligning Catalogs with Business Objectives
 - Map Business Goals to Catalog Functionality
 - Ensure Stakeholder Buy-In Through Non-Invasive Integration
 - Bridge the Gap Between Data Management and Business Strategy
 - Use Data Catalogs to Illuminate Key Business Metrics
 - Build a Roadmap for Long-Term Business Alignment



Navigating the Data Jungle

Demystifying Data Catalogs and Their Implementation

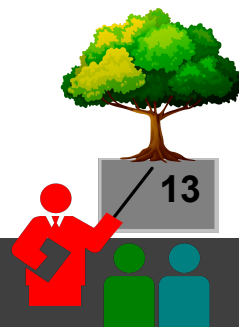
- Ensuring Data Quality and Consistency Through Catalog Governance
 - Establish a Non-Invasive Data Quality Framework Within the Catalog
 - Leverage Catalogs to Uncover Data Quality Issues in the Jungle
 - Set Standards for Consistency Without Disrupting the Ecosystem
 - Use Catalog Governance to Navigate Data Silos and Redundancies
 - Continuous Monitoring and Improvement Through Catalog Stewardship



Navigating the Data Jungle

Demystifying Data Catalogs and Their Implementation

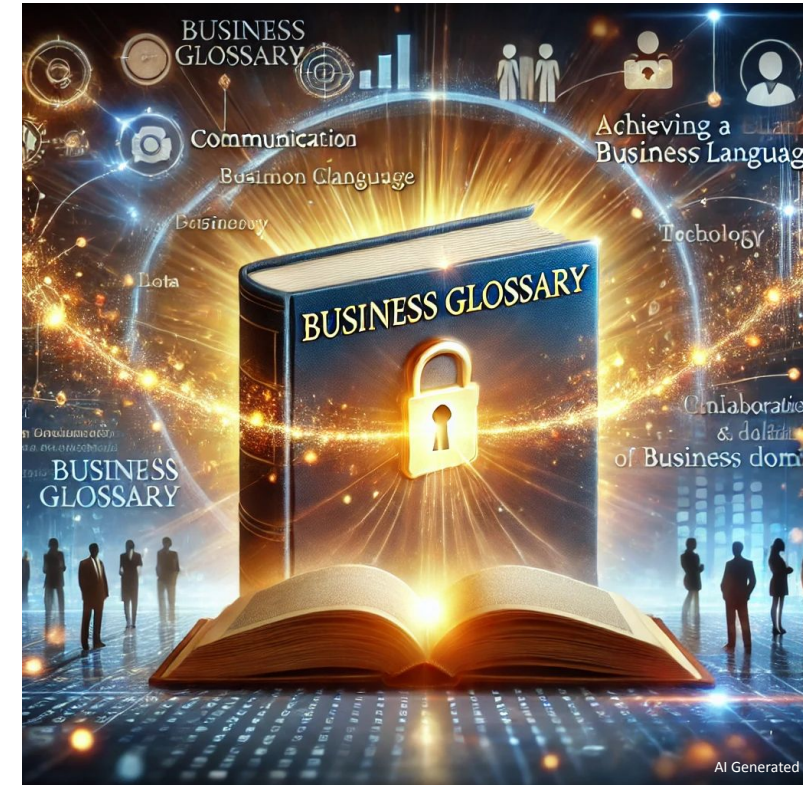
- Overcoming Common Challenges in Data Catalog Adoption
 - Address Resistance to Change in the Data Jungle
 - Simplify Catalog Adoption Through Non-Invasive Approaches
 - Navigate Complex Data Ecosystems with Minimal Disruption
 - Build Consensus Among Stakeholders for Seamless Integration
 - Ensure Long-Term Sustainability of the Catalog in a Dynamic Environment



Navigating the Data Jungle

Unlocking Business Glossaries to Achieve Common Business Language

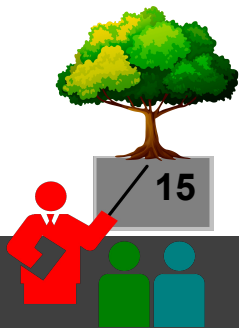
- Define Key Business Terms Across the Organization
- Align Glossaries with Organizational Goals
- Engage Stakeholders in Glossary Creation
- Maintain and Updating the Business Glossary
- Ensure Cross-Departmental Consistency in Language



Navigating the Data Jungle

Unlocking Business Glossaries to Achieve Common Business Language

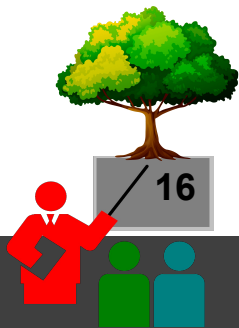
- Define Key Business Terms Across the Organization
 - Establish a Unified Language in the Data Jungle
 - Harmonize Terminology Through Non-Invasive Collaboration
 - Bridge Communication Gaps with a Central Glossary
 - Navigate Diverse Business Units with Consistent Definitions
 - Empower Data Stewardship Through Clear and Shared Vocabulary



Navigating the Data Jungle

Unlocking Business Glossaries to Achieve Common Business Language

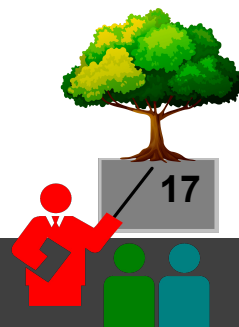
- Align Glossaries with Organizational Goals
 - Map Glossary Development to Business Objectives
 - Synchronize Business Glossaries with Strategic Initiatives
 - Ensure Glossary Relevance Through Goal Alignment
 - Integrate Glossary Efforts with Corporate Milestones
 - Tailor Glossary Content to Reflect Organizational Priorities



Navigating the Data Jungle

Unlocking Business Glossaries to Achieve Common Business Language

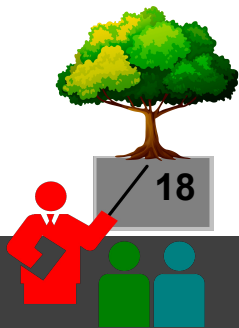
- Engage Stakeholders in Glossary Creation
 - Encourage Collaborative Glossary Development Across Teams
 - Foster Stakeholder Ownership in Glossary Definitions
 - Leverage Cross-Departmental Insights for Glossary Accuracy
 - Facilitate Stakeholder Buy-In Through Inclusive Governance
 - Navigate Stakeholder Priorities in Glossary Creation



Navigating the Data Jungle

Unlocking Business Glossaries to Achieve Common Business Language

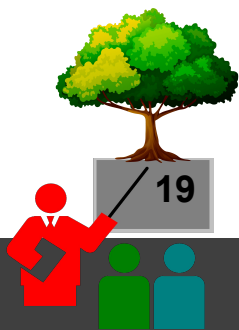
- Maintain and Update the Business Glossary
 - Establish a Non-Invasive Approach to Glossary Maintenance
 - Implement Regular Updates Without Disrupting Operations
 - Engage Data Stewards in Ongoing Glossary Governance
 - Adapt the Glossary to Evolving Business Needs
 - Ensure Glossary Relevance Through Continuous Stakeholder Feedback



Navigating the Data Jungle

Unlocking Business Glossaries to Achieve Common Business Language

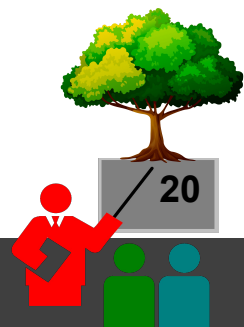
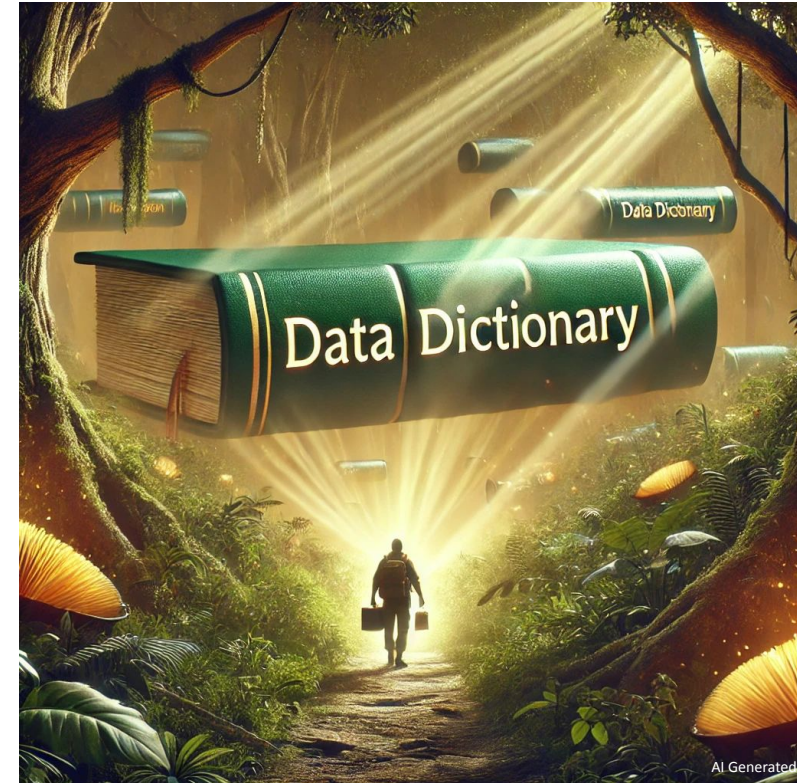
- Ensure Cross-Departmental Consistency in Language
 - Harmonize Terminology Across Diverse Business Units
 - Leverage Non-Invasive Techniques to Foster Consistency
 - Facilitate Cross-Departmental Collaboration in Glossary Development
 - Align Glossary Standards with Organizational Objectives
 - Address Variances in Language Without Disrupting Operations



Navigating the Data Jungle

Hunting Down the Best Way Leverage Data Dictionaries

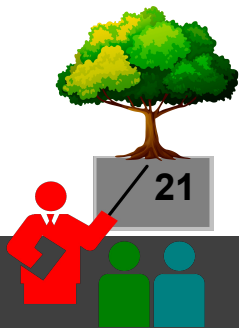
- Understand the Purpose and Value of Data Dictionaries
- Integrate Data Dictionaries with Other Governance Tools
- Automate Data Dictionary Maintenance
- Link Data Dictionaries to Business Processes
- Avoid Common Pitfalls in Data Dictionary Usage



Navigating the Data Jungle

Hunting Down the Best Way Leverage Data Dictionaries

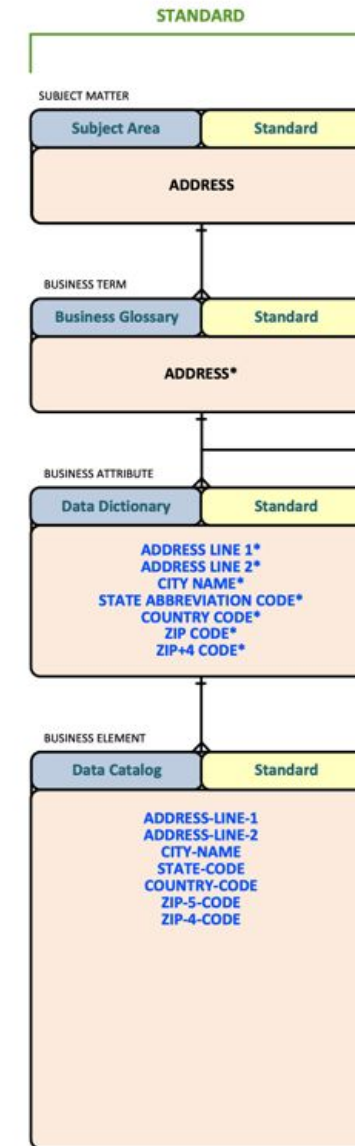
- Understand the Purpose and Value of Data Dictionaries
 - Clarify Data Definitions to Guide Organizational Decisions
 - Enhance Communication Between Data Stewards and Users
 - Support Data Quality Through Consistent Terminology
 - Bridge Technical and Business Perspectives in Data Usage
 - Standardize Data Language to Simplify Data Management



Navigating the Data Jungle

Hunting Down the Best Way Leverage Data Dictionaries

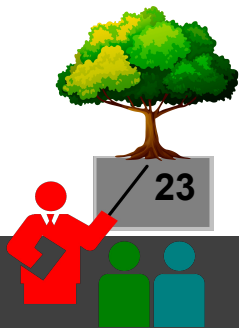
- Integrate Data Dictionaries with Other Governance Tools
 - Align Data Dictionaries with Business Glossaries and Catalogs
 - Streamline Data Access and Understanding Across Tools
 - Ensure Consistent Data Terminology Across Platforms
 - Enhance Data Governance with Integrated Dictionary Practices
 - Facilitate Cross-Tool Collaboration for Better Data Management



Navigating the Data Jungle

Hunting Down the Best Way Leverage Data Dictionaries

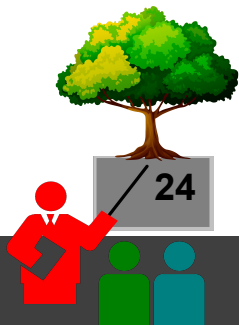
- Automate Data Dictionary Maintenance
 - Reduce Manual Effort in Dictionary Updates
 - Ensure Real-Time Data Dictionary Accuracy
 - Leverage Automation for Consistent Data Definitions
 - Streamline Governance with Automated Processes
 - Enhance Data Quality Through Automated Maintenance



Navigating the Data Jungle

Hunting Down the Best Way Leverage Data Dictionaries

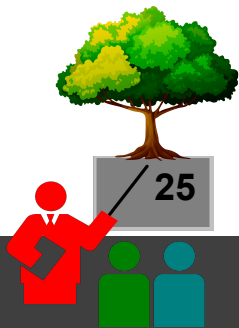
- Link Data Dictionaries to Business Processes
 - Map Data Elements to Business Activities
 - Enhance Process Efficiency with Linked Dictionaries
 - Align Data Definitions with Business Operations
 - Ensure Consistency Across Business Processes
 - Strengthen Data Integrity Through Process Integration



Navigating the Data Jungle

Hunting Down the Best Way Leverage Data Dictionaries

- Avoid Common Pitfalls in Data Dictionary Usage
 - Prevent Overcomplication of Data Dictionaries
 - Avoid Redundancies in Data Definitions
 - Ensure User Adoption of the Data Dictionary
 - Maintain Up-to-Date and Accurate Entries
 - Avoid Siloed Usage of Data Dictionaries

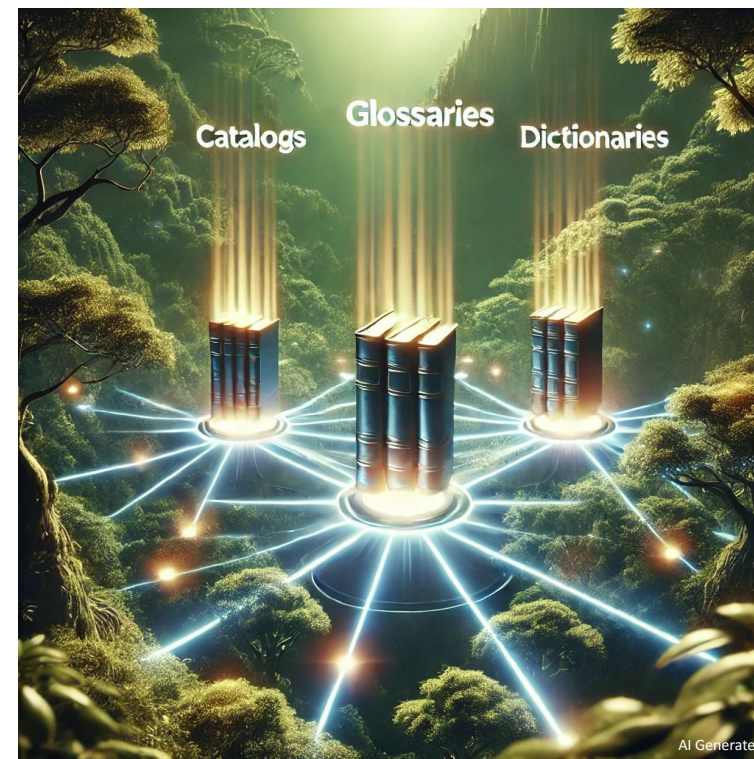


Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

- Create a Unified Data Governance Framework
- Map Relationships Between Catalogs, Glossaries, and Dictionaries
- Streamline Data Management Through Integration
- Enhance Data Discoverability and Usability
- Leverage Integrated Tools for Better Decision-Making

Synergistic: Two or more elements combined to produce a greater affect.

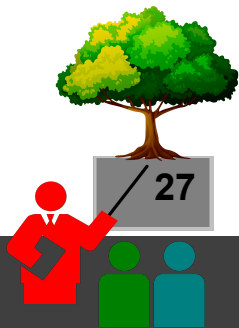


Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

- Create a Unified Data Governance Framework
 - Align Catalogs Glossaries and Dictionaries for Cohesion
 - Establish a Single Source of Truth for Data Governance
 - Streamline Data Access and Understanding Across the Organization
 - Facilitate Cross-Departmental Collaboration Through Integration
 - Enhance Data Literacy with a Unified Governance Approach

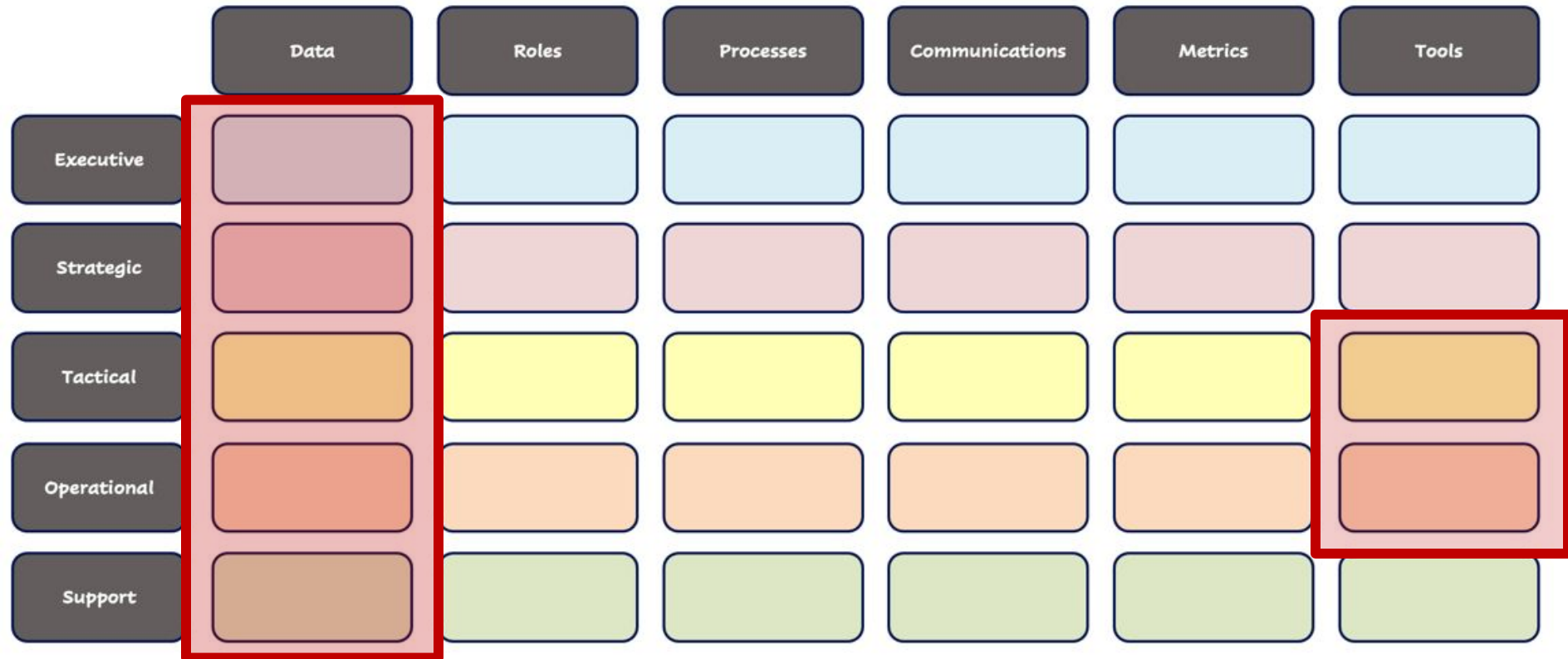
	Data	Roles	Processes	Communications	Metrics	Tools
Executive						
Strategic						
Tactical						
Operational						
Support						



Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

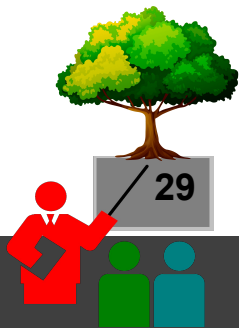
- Speaking of Data Governance Frameworks ...



Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

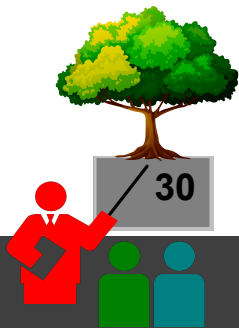
- Mapping Relationships Between Catalogs, Glossaries, and Dictionaries
 - Identify Overlaps and Gaps in Metadata Across Tools
 - Establish Clear Linkages Between Business Terms and Data Assets
 - Visualize Connections for Improved Data Understanding
 - Ensure Consistency in Definitions and Usage Across Platforms
 - Enhance Data Traceability Through Integrated Mapping



Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

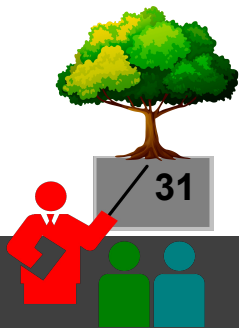
- Streamline Data Management Through Integration
 - Reduce Redundancies in Data Management Processes
 - Enhance Efficiency by Centralizing Metadata
 - Align Data Management Efforts Across the Organization
 - Leverage Integration to Simplify Data Access
 - Drive Consistent Data Practices Through Unified Tools



Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

- Enhance Data Discoverability and Usability
 - Simplify Access to Critical Data Assets
 - Improve Searchability Across the Data Ecosystem
 - Boost User Confidence in Data through Clear Definitions
 - Enable Faster Decision-Making with Accessible Data
 - Create a User-Friendly Interface for Data Exploration



Navigating the Data Jungle

Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact

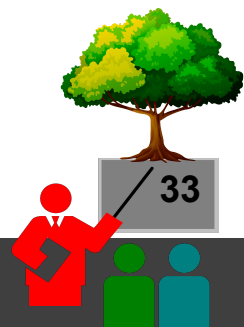
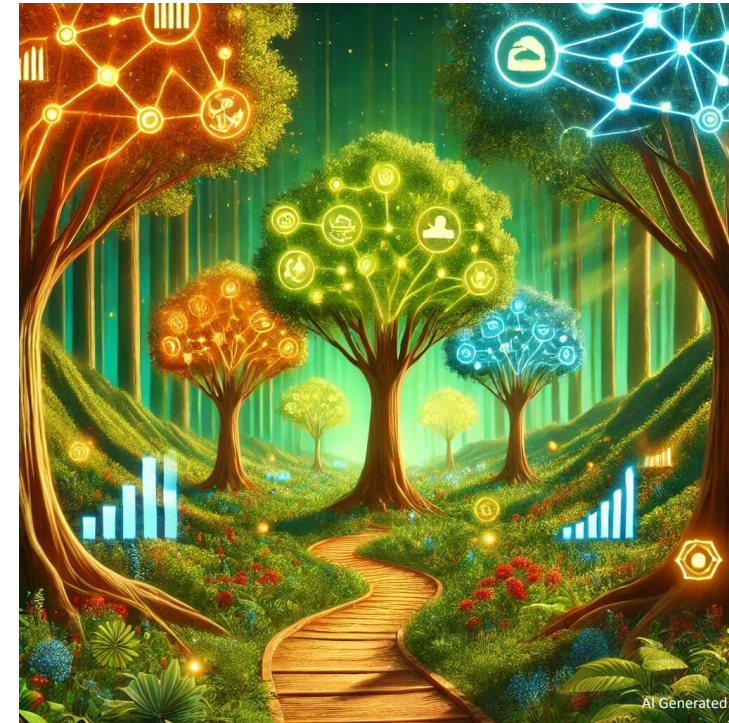
- Leverage Integrated Tools for Better Decision-Making
 - Align Business Objectives with Integrated Data Tools
 - Facilitate Informed Decision-Making with Unified Data
 - Reduce Redundancies in Data Access and Interpretation
 - Enhance Strategic Insights Through Seamless Integration
 - Empower Teams with a Holistic View of Data



Navigating the Data Jungle

Stories of Organizational Success in Navigating the Data Jungle

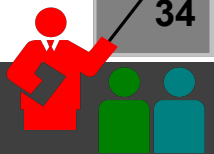
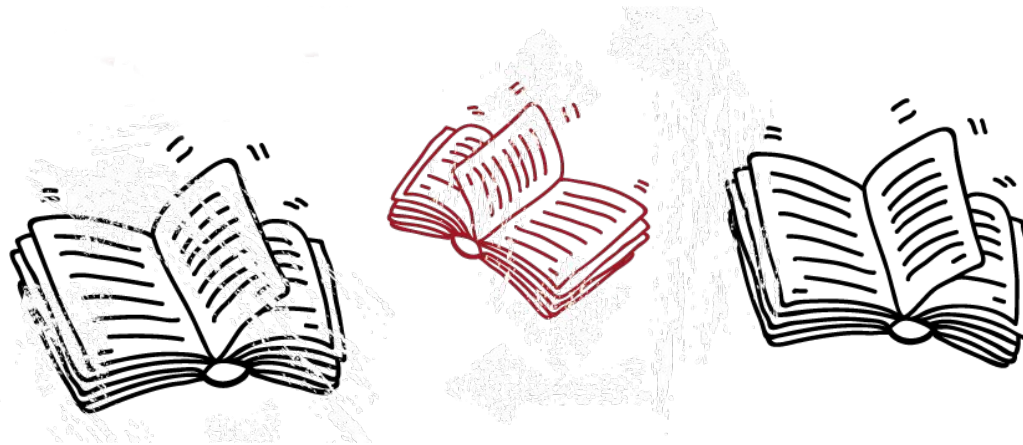
- Case Study: How a Financial Institution Transformed Its Data Landscape
- Lessons Learned from Integrating Data Governance Tools
- Key Success Factors in Achieving Data Harmony
- Impact on Business Outcomes and ROI
- Future-Proofing Your Data Governance Strategy



Navigating the Data Jungle

Stories of Organizational Success in Navigating the Data Jungle

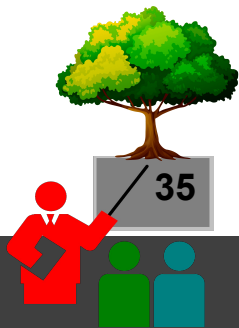
- Case Study: How a Financial Institution Transformed Its Data Landscape
 - Overcame Data Silos to Achieve Seamless Integration
 - Implemented a Data Catalog to Enhance Data Accessibility
 - Drove Organizational Change Through Effective Data Governance
 - Leveraged Business Glossaries for Consistent Terminology
 - Realized Tangible Business Value from Data Management Initiatives



Navigating the Data Jungle

Stories of Organizational Success in Navigating the Data Jungle

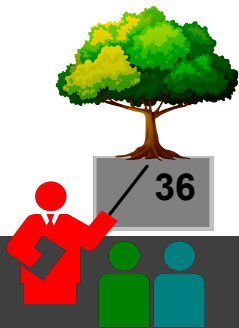
- Lessons Learned from Integrating Data Governance Tools
 - Aligned Tools with Organizational Goals for Maximum Impact
 - Overcame Challenges in Tool Integration and Adoption
 - Ensured Continuous Improvement Through Feedback Loops
 - Enhanced Collaboration Across Departments with Integrated Tools
 - Measured Success and ROI from Data Governance Tool Integration



Navigating the Data Jungle

Stories of Organizational Success in Navigating the Data Jungle

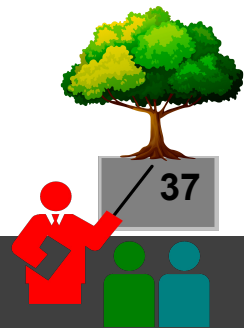
- Key Success Factors in Achieving Data Harmony
 - Established Clear Ownership and Accountability
 - Fostered a Culture of Data Stewardship
 - Leveraged Technology to Enhance Data Integration
 - Built Strong Cross-Functional Collaboration
 - Continuously Monitored and Refined Data Governance Practices



Navigating the Data Jungle

Stories of Organizational Success in Navigating the Data Jungle

- Impact on Business Outcomes and ROI
 - Demonstrated Tangible Business Value Through Data Governance
 - Improved Decision-Making with Integrated Data Assets
 - Enhanced Operational Efficiency and Reduced Costs
 - Strengthened Compliance and Risk Management
 - Achieved Sustainable Growth Through Data-Driven Insights



A vibrant illustration of a jungle scene. In the top left, a brown sloth hangs from a branch. In the top right, a colorful toucan with a large yellow and red beak perches on a branch. In the bottom left, a tiger with orange and black stripes sits in tall green grass. In the bottom right, a deer with large brown antlers stands in the grass. The background is filled with lush green foliage.

Navigating the Data Jungle

Stories of Organizational Success in Navigating the Data Jungle

- Future-Proofed Their Data Governance Strategy
 - Adapted to Emerging Technologies in Data Governance
 - Ensured Scalability and Flexibility in Your Data Strategy
 - Built a Culture of Continuous Improvement
 - Prepared for Regulatory Changes and Data Privacy Concerns
 - Leveraged Innovation to Stay Ahead in the Data Jungle

Navigating the Data Jungle

Summary

- In the webinar, I talked about ...
 - Demystifying Data Catalogs and Their Implementation
 - Unlocking Business Glossaries to Achieve Common Business Language
 - Hunting Down the Best Way Leverage Data Dictionaries
 - Integrating Catalogs, Glossaries, and Dictionaries for Synergistic Impact
 - Stories of Organizational Success in Navigating the Data Jungle



Navigating the Data Jungle

Q & A - Contact Information

- Robert S. Seiner
KIK Consulting & Educational Services – KIKconsulting.com
rseiner@kikconsulting.com @RSeiner

thank you

