Real-World Data Governance

Data Governance and Data Management Untangled

Monthly Webinar Series Hosted by DATAVERSITY

Robert S. Seiner – KIK Consulting
January 18, 2024 – 11:00 a.m. PT / 2:00 p.m. ET

KIK CONSULTING — KNOWLEDGE IS KING

DATAVERSITY™

Data Governance and Data Management Untangled
Introduction

Real-World Data Governance – Monthly Webinar Series
February 15, 2024: Optimizing Data Governance with Frameworks and Maturity Models
Third Thursday each Month @ 2pm EST – Register at TDAN.com, KIKconsulting.com, DATAVERSITY.net

Upcoming Events
Enterprise Data Governance Online (EDGO) 2024: Dataversity Virtual Event – January 24, 2024 **– NEXT WEEK!**
Enterprise Data World 2024: Dataversity Conference – Orlando, Florida – March 25 – 29, 2024

Non-Invasive Data Governance / Non-Invasive Data Governance Strikes Again Books
2014: ISBN 9781935504856 / Technics Publications / Amazon.com
May 2023: ISBN 9781634623599 / Technics Publications / Amazon.com

### Non-Invasive Data Governance / Metadata Governance Online Learning Plans
Latest: Business Glossaries, Data Dictionaries and Data Catalogs
DATAVERSITY Training Center – https://training.dataversity.net

KIK Consulting & Educational Services
KIKConsulting.com: Knowledge is King
The Home of Non-Invasive Data Governance™

Carnegie Mellon University (CMU)
Adjunct: Heinz College Executive Education – Chief Data Officer (CDataO) Certificate Program
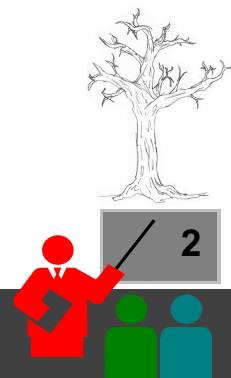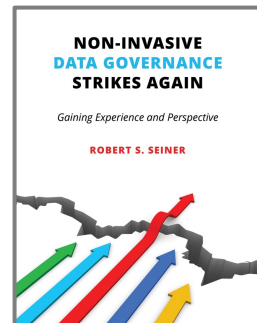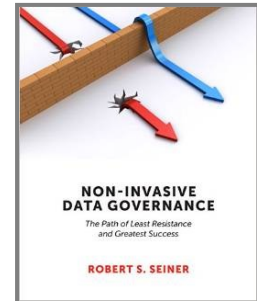
Data Governance and Data Management Untangled

Abstract

- In this webinar, I will share …
    - Gaining Understanding of the Relationship Between Data Governance and Management
    - Techniques to Establish and Optimize your Data Governance Frameworks
    - Strategies for Aligning Governance and Management Across Your Organization
    - Real-World Case Studies Showcasing Successful Data Governance Implementations
    - Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

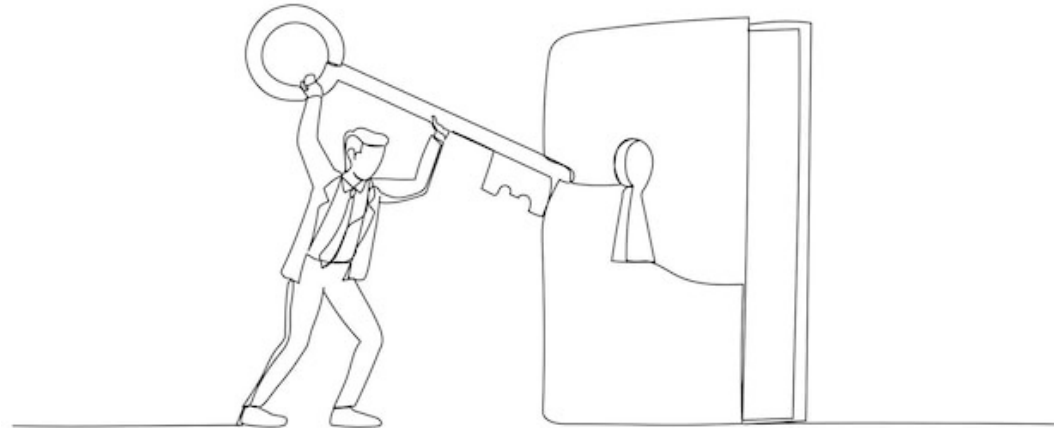# Data Governance and Data Management Untangled
Definitions

- 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.

- Metadata – Data, stored in IT tools, that improves both the business and technical understanding of data and data-related assets. Data about data.

- Data Management – Refers to the comprehensive process of acquiring, organizing, storing, securing, processing, analyzing, and maintaining data to ensure its accuracy, accessibility, reliability, and relevance throughout its lifecycle within an organization.

Data Governance and Data Management Untangled
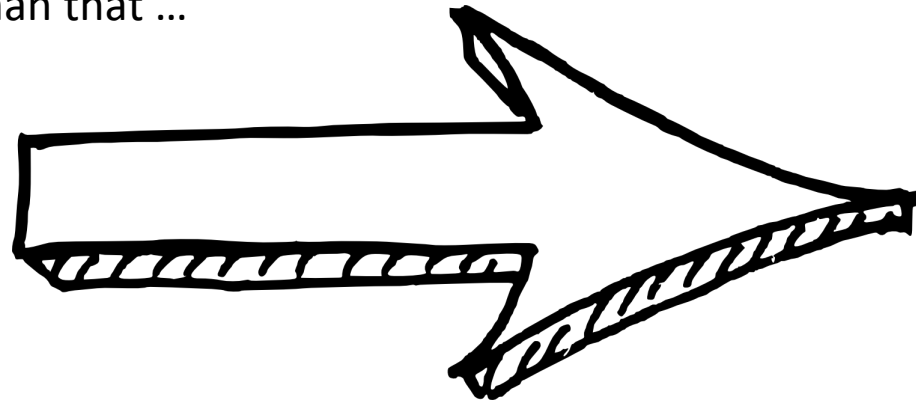## Gaining Understanding of the Relationship Between Data Governance and Management

- Define Key Concepts

- Identify Stakeholders

- Map Processes

- Establish Policies and Procedures

- Communication and Collaboration

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Define Key Concepts
  - Don't want to offend any Data Management purists but …
  - Traditional Data Governance – The rules of the game.
  - Traditional Data Management – The playing of the game.
  - NIDG Data Governance – People governance. Execution & enforcement of authority to follow rules.
  - NIDG Data Management – Implementation of frameworks established by Data Governance.

  - But it is so much more than that …

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Define Key Concepts
  - Data Governance
    - **Policy Setting:** Establishes the policies and standards for data usage and security.
    - **Regulatory Compliance:** Ensures adherence to legal and regulatory requirements concerning data.
    - **Roles and Responsibilities:** Defines roles, responsibilities, accountabilities for data-related activities.
    - **Data Quality Control:** Oversees the quality, consistency, and reliability of data across the organization.
    - **Strategic Oversight:** Provides a framework for aligning data-related activities with organizational strategy and objectives.

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Define Key Concepts
  - Data Management
    - Data Handling: Involves the actual collection, storage, and processing of data.
    - Technical Implementation: Implements the technical aspects of storing, retrieving, managing data.
    - Data Accessibility: Ensures that data is accessible to authorized users and systems.
    - Operational Execution: Carries out the daily operations of data handling as per governance policies.
    - Data Security and Privacy: Implements protective measures to secure data and protect privacy in line with governance guidelines.

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Identify Stakeholders
  - Data Governance
    - **Executive Leadership:** Senior management who define the overall data governance strategy and ensure alignment with organizational goals.
    - **Data Governance Council:** A group of leaders from various departments who oversee data governance policies and standards.
    - **Compliance and Legal Teams:** Responsible for ensuring data governance adheres to legal, regulatory, and compliance requirements.
    - **Data Stewards:** Individuals recognized as being held formally accountable for overseeing data quality, integrity, and policy adherence in specific data domains.
    - **Business Unit Leaders:** Department heads or managers who ensure that data governance policies are implemented within their respective areas.

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Identify Stakeholders
  - Data Management
    - **IT Professionals:** Manage and maintain data storage, processing, and technology infrastructure.
    - **Data Analysts and Scientists:** Utilize data for analysis, gaining insights, and supporting decision-making.
    - **Database Administrators:** Responsible for the technical aspects of managing databases and ensuring data availability.
    - **Operational Staff:** Users who interact with data systems daily for various operational tasks.
    - **Data Architects:** Design and oversee the implementation of data models and structures to support effective data management.

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Map Processes

  - Data Governance
    - Establish Data Policies and Standards
    - Define Data Roles and Responsibilities
    - Ensure Compliance w/Regulations and Laws
    - Monitor and Maintain Data Quality
    - Manage Data Security and Privacy

  - Data Management
    - Data Collection and Acquisition
    - Data Storage and Organization
    - Data Quality Control and Cleansing
    - Data Security and Privacy Protection
    - Data Analysis and Reporting

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Map Processes
  - Data Governance and Data Management
    - Enhanced Data Quality: Mapping data governance policies to data management activities ensures higher accuracy and reliability of data.
    - Improved Compliance: Aligning data management processes with governance frameworks ensures adherence to legal and regulatory standards.
    - Efficient Data Usage: Clear guidelines from data governance help optimize data management practices, leading to more efficient and effective data utilization.
    - Increased Accountability: Establishing clear ownership and responsibility through this mapping enhances accountability in data handling processes.
    - Reduced Risk: Effective alignment reduces risks related to data breaches, loss, and misuse by enforcing consistent and secure data practices.

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Establish Policies and Procedures
  - Data Governance
    - Development of Data Governance Framework
    - Creation of Data Quality Standards
    - Establishment of Data Privacy and Security Policies
    - Implementation of Compliance and Regulatory Procedures
    - Setting Data Usage and Access Guidelines

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Establish Policies and Procedures

  – Data Management

    - Defining Data Collection and Entry Protocols

    - Designing Data Storage and Archiving Systems

    - Implementing Data Quality Assurance Processes

    - Enforcing Data Security Measures

    - Establishing Data Retrieval and Reporting Methods

Data Governance and Data Management Untangled
Gaining Understanding of the Relationship Between Data Governance and Management

- Communication and Collaboration
  - **Clarifies Roles and Responsibilities:** Effective communication delineates clear roles in both data governance and data management, enhancing collaboration.
  - **Facilitates Knowledge Sharing:** Regular collaboration encourages the sharing of insights and best practices between governance and management teams.
  - **Aligns Strategic and Operational Goals:** Communication ensures that data governance strategies are effectively translated into practical data management actions.
  - **Enhances Policy Implementation:** Collaborative discussions aid in the smoother implementation of governance policies through practical management procedures.
  - **Promotes Organizational Learning:** Continuous communication fosters a culture of learning, helping all stakeholders understand the interplay between governance and management.

Data Governance and Data Management Untangled
## Techniques to Establish and Optimize your Data Governance Frameworks

- Data Governance Framework Components

- Data Governance Roles and Responsibilities

- Data Governance Policies and Standards

- Data Quality Management Strategies

- Data Privacy and Compliance Considerations

Data Governance and Data Management Untangled
Techniques to Establish and Optimize your Data Governance Frameworks

- Data Governance Framework Components
  - Core Components
    - Data – Assets Being Governed
    - Roles – Formal Accountability
    - Processes – Application / Enforcement
    - Communications – Education, Training, Awareness
    - Metrics – Measurements and KPIs
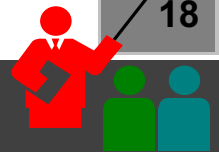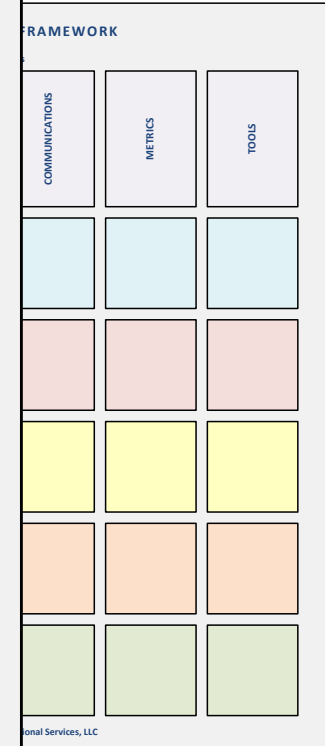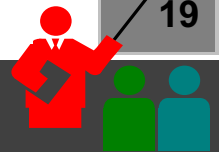   - Tools – Artifacts Purchased / Developed

NON-INVASIVE DATA GOVERNANCE™ FRAMEWORK
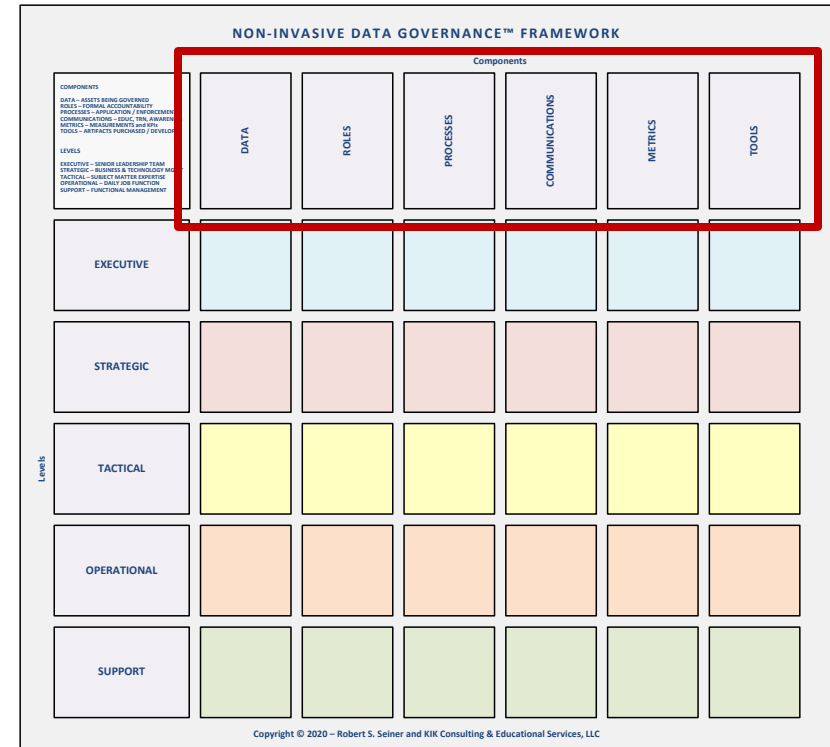
Data Governa[nce]

Techniques to E[...]

- Data Govern[...]
  - Organiz[...]
    - Exe[...]
    - Str[...]
    - Tac[...]
    - Op[...]
    - Sup[...]

NON-INVASIVE DATA GOVERNANCE™ FRAMEWORK

Components

COMPONENTS	DATA	ROLES	PROCESSES	COMMUNICATIONS	METRICS	TOOLS
EXECUTIVE						
STRATEGIC						
TACTICAL						
OPERATIONAL						
SUPPORT						

COMPONENTS
DATA – ASSETS BEING GOVERNED
ROLES – FORMAL ACCOUNTABILITY
PROCESSES – APPLICATION / ENFORCEMENT
COMMUNICATIONS – EDUC, TRN, AWARENESS
METRICS – MEASUREMENTS and KPIs
TOOLS – ARTIFACTS PURCHASED / DEVELOPED

LEVELS
EXECUTIVE – SENIOR LEADERSHIP TEAM
STRATEGIC – BUSINESS & TECHNOLOGY MGMT
TACTICAL – SUBJECT MATTER EXPERTISE
OPERATIONAL – DAILY JOB FUNCTION
SUPPORT – FUNCTIONAL MANAGEMENT

Levels

Data
Techr

-

Data Governance and Data Management Untangled
Techniques to Establish and Optimize your Data Governance Frameworks

- Data Governance Policies and Standards

  - Conduct a Data Governance Maturity Assessment: Evaluate current practices to identify areas for improvement and develop targeted policies.

  - Define Clear Data Governance Objectives: Establish specific, measurable goals for data governance to guide policy development.

  - Develop Comprehensive Data Standards: Create detailed standards for data quality, format, and consistency to ensure uniformity across the organization.

  - Implement Data Stewardship Programs: Recognize data stewards to enforce governance policies and maintain data standards.

  - Regularly Review and Update Policies: Continuously monitor the effectiveness of data governance policies and standards, making adjustments as needed to adapt to changing needs and technologies.

Data Governance and Data Management Untangled
Techniques to Establish and Optimize your Data Governance Frameworks

- Data Quality Management Strategies

  - Implement Data Quality Metrics: Define and use specific metrics to measure and monitor data quality.

  - Establish Data Quality Improvement Processes: Create structured processes for identifying, reporting, and rectifying data quality issues.

  - Integrate Data Quality Tools: Utilize specialized software tools for data profiling, cleansing, and validation.

  - Conduct Regular Data Audits: Schedule periodic audits to assess data accuracy, completeness, and consistency.

  - Promote Data Quality Awareness and Training: Educate and train stakeholders on the importance of data quality and their role in maintaining it.

Data Governance and Data Management Untangled
## Techniques to Establish and Optimize your Data Governance Frameworks

- Data Privacy and Compliance Considerations

  - Align with Regulatory Requirements: Ensure data governance policies comply with relevant data protection laws and regulations.

  - Implement Data Access Controls: Establish strict controls on data access and sharing to protect sensitive information.

  - Conduct Privacy Impact Assessments: Regularly assess data processing activities to identify and mitigate privacy risks.

  - Develop Incident Response Plans: Create and maintain plans for responding to data breaches and compliance violations.

  - Provide Privacy Training and Awareness: Educate employees about privacy policies, data protection practices, and legal obligations.

Data Governance and Data Management Untangled
Strategies for Aligning Governance and Management Across Your Organization

- Organizational Data Governance Structures

- Data Governance and Business Strategy Alignment

- Data Management and Data Governance Integration

- Data Governance Communication and Training

- Measuring the Effectiveness of Data Governance Alignment
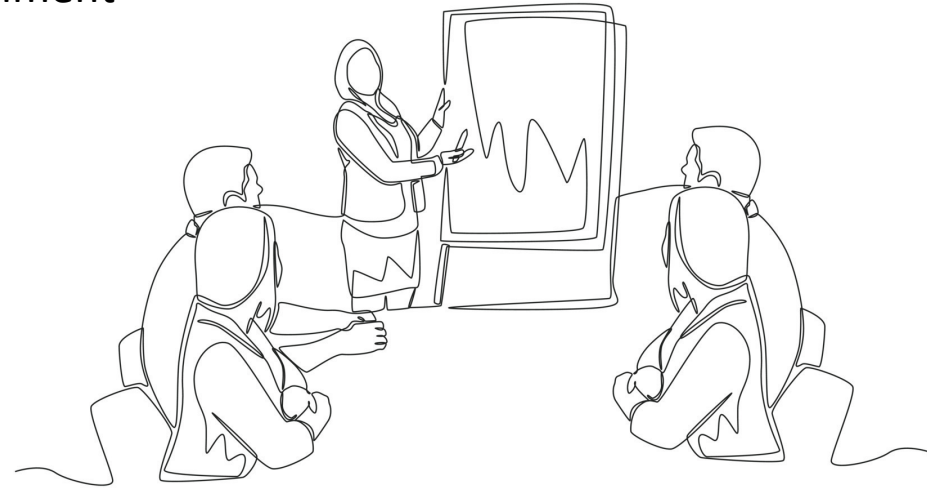
Data Governance and Data Management Untangled
Strategies for Aligning Governance and Management Across Your Organization

- Organizational Data Governance Structures

  - Define Clear Governance Roles: Establish specific roles like Chief Data Officer and Data Stewards to bridge governance and management functions.

  - Create Cross-Functional Committees: Set up committees that include members from both governance and management teams to ensure alignment.

  - Implement Governance Frameworks Across Departments: Standardize data governance policies and practices across all organizational units.

  - Facilitate Regular Communication Channels: Establish communication protocols to ensure continuous dialogue between governance and management teams.

  - Integrate Governance Goals into Management Objectives: Embed data governance objectives within data management strategies to create cohesive operational plans.

Data Governance and Data Management Untangled

Strategies for Aligning Governance and Management Across Your Organization

- Data Governance and Business Strategy Alignment

  - Integrate Data Goals with Business Objectives: Align data initiatives with key business strategies to ensure both data governance and data management support organizational goals.

  - Incorporate Data Insights into Decision Making: Utilize data analytics to inform strategic decisions, ensuring governance efforts are business-outcome focused.

  - Establish Data Governance as a Business Function: Position data governance as a central business function with strategic importance rather than a technical or IT-only role.

  - Engage Business Stakeholders in Governance Processes: Involve business leaders in the development and enforcement of data governance policies to ensure relevance and buy-in.

  - Measure Governance Success with Business KPIs: Use business key performance indicators (KPIs) to assess the effectiveness of data governance and management, aligning performance with business success.

Data Governance and Data Management Untangled
Strategies for Aligning Governance and Management Across Your Organization

- Data Management and Data Governance Integration

  - Unified Framework Implementation: Adopt a single framework that encapsulates both data governance principles and data management practices, ensuring consistency across the organization.

  - Shared Governance and Management Objectives: Develop common objectives for data governance and management teams that support overarching organizational strategies.

  - Cross-Functional Collaboration Mechanisms: Establish cross-functional teams and collaborative platforms to facilitate the integration of governance policies into data management operations.

  - Coordinated Data Lifecycle Management: Align data governance policies with the stages of the data lifecycle managed by data management processes, ensuring seamless data flow and usage.

  - Integrated Technology Solutions: Leverage technology solutions that support both governance and management functions, such as enterprise data platforms that enforce policy while managing data.

Data Governance and Data Management Untangled
Strategies for Aligning Governance and Management Across Your Organization

- Data Governance Communication and Training

  - Enhance Awareness: Conduct organization-wide training sessions to enhance awareness of data governance principles among data management professionals.

  - Build Skills and Competency: Develop targeted training programs to equip data management teams with the skills necessary to implement governance policies.

  - Facilitate Policy Adoption: Use communication campaigns to promote the adoption of data governance policies within data management practices.

  - Create Advocates and Champions: Identify and train key individuals within data management teams to act as governance advocates and champions.

  - Establish Continuous Learning: Implement ongoing learning and development programs to keep pace with changes in data governance and its application in data management.

Data Governance and Data Management Untangled
Strategies for Aligning Governance and Management Across Your Organization

- Measuring the Effectiveness of Data Governance Alignment

  - Define KPIs: Establish clear Key Performance Indicators (KPIs) that measure the success of data governance initiatives within data management practices.

  - Regular Reporting: Implement regular reporting mechanisms to track compliance with data governance policies and the performance of data management functions.

  - Feedback Loops: Create feedback loops to gather insights from data management on the practicality and impact of governance policies.

  - Audit and Review: Conduct periodic audits and reviews to assess the alignment and identify areas for improvement in governance and management activities.

  - Adjustment and Optimization: Use the insights gained from measurement activities to make informed adjustments, enhancing the alignment between data governance and data management.

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Industry-Specific Data Governance Success Stories

- Considerations for Data Governance in Large Enterprises

- Considerations for Data Governance in Regulatory Compliance

- Considerations for Data Governance for Data Monetization

- Considerations for Data Governance in Healthcare and Privacy Compliance

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Industry-Specific Data Governance Success Stories
  - Healthcare - Patient Data Integrity:
    - Implemented a comprehensive data governance program ensuring the accuracy and privacy of patient records.
    - Streamlined patient data flow between departments, improving care coordination and reducing duplicate testing.
    - Enhanced regulatory compliance with HIPAA through stringent data governance protocols.
    - Improved patient outcomes by providing clinicians with reliable data for decision-making.

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Industry-Specific Data Governance Success Stories
  - Banking - Financial Compliance and Reporting:
    - Established data governance for transparent financial reporting and adherence to global regulations like Basel III and Sarbanes-Oxley.
    - Enabled real-time risk assessment through governance policies that ensure data quality and accessibility.
    - Reduced operational risk by standardizing data definitions across the organization.
    - Leveraged data governance to enhance customer trust by ensuring the security of financial data.

Data Governance and Data Management Untangled
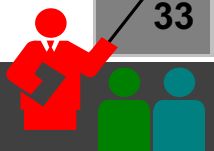## Real-World Case Studies Showcasing Successful Data Governance Implementations

- Industry-Specific Data Governance Success Stories
  - Retail - Customer Data Management:
    - Developed a data governance operating model to manage and analyze product data, driving personalized marketing strategies.
    - Enhanced customer privacy protection in line with GDPR, building stronger consumer trust.
    - Used data governance to ensure consistency in inventory data across multiple channels, optimizing supply chain management.
    - Improved sales and marketing effectiveness by utilizing clean, well-governed data for insights into customer behavior.

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Industry-Specific Data Governance Success Stories
  - Manufacturing - Product Lifecycle Data:
    - Implemented governance over product data to track the lifecycle from inception to retirement, ensuring compliance with industry standards.
    - Streamlined data sharing with suppliers and partners, facilitating smoother operations and quality control.
    - Adopted governance standards that improved the management of IoT device data, enhancing predictive maintenance.
    - Increased operational efficiency by using governed data for better resource allocation and production planning.

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Industry-Specific Data Governance Success Stories
  - Government - Public Sector Transparency:
    - Initiated data governance to maintain the integrity and transparency of public data, fostering citizen trust.
    - Enabled open data initiatives, making government data accessible to the public while ensuring sensitive information is protected.
    - Integrated data governance with public service delivery, leading to more efficient and accountable government processes.
    - Applied governance policies to manage and secure data related to national security without impeding inter-agency collaboration.

34

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Considerations for Data Governance in Large Enterprises

  - Scalability: Ensure the data governance program can scale to match enterprise-wide operations, accommodating large volumes of diverse data.

  - Complexity Management: Address the complexity arising from various data sources, business units, and global operations with clear governance structures.

  - Stakeholder Engagement: Engage a broad range of stakeholders across different levels and geographies for widespread adoption and enforcement.

  - Integration with Existing Systems: Seamlessly integrate the data governance framework with legacy systems and ongoing IT infrastructure.

  - Change Management: Implement robust change management strategies to address resistance and ensure smooth transition to new governance practices.

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Considerations for Data Governance in Regulatory Compliance

  - Regulatory Mapping: Thoroughly map out all relevant regulations to ensure the data governance program addresses specific compliance requirements.

  - Audit Trails: Implement mechanisms for creating and maintaining comprehensive audit trails for transparency and examination by regulatory bodies.

  - Data Privacy and Security: Prioritize data privacy and security controls to meet stringent regulatory standards and avoid penalties.

  - Continuous Monitoring: Establish continuous monitoring and reporting systems to stay abreast of regulatory changes and compliance status.

  - Training and Awareness: Regularly train staff on compliance aspects of data governance to maintain awareness and adherence to regulatory obligations.

KIK CONSULTING — KNOWLEDGE IS KING

DATAVERSITY™

Data Governance and Data Management Untangled
Real-World Case Studies Showcasing Successful Data Governance Implementations

- Considerations for Data Governance for Data Monetization

  - Valuation and Categorization: Accurately value data assets and categorize them based on potential for monetization within compliance boundaries.

  - Usage Rights and Restrictions: Clearly define usage rights, licensing agreements, and restrictions to ensure legal and ethical monetization.

  - Quality Assurance: Maintain high data quality standards to ensure that the data being monetized is reliable, accurate, and valuable to buyers or users.

  - Monetization Models Compliance: Align data monetization strategies with existing regulatory frameworks and intellectual property laws.

  - Customer Consent Management: Implement robust consent management processes for personal data, ensuring compliance with privacy laws like GDPR when monetizing such data.

Data Governance and Data Management Untangled
## Real-World Case Studies Showcasing Successful Data Governance Implementations

- Considerations for Data Governance in Healthcare and Privacy Compliance

  - HIPAA Adherence: Ensure all data governance policies strictly adhere to Health Insurance Portability and Accountability Act (HIPAA) regulations.

  - Protected Health Information (PHI) Security: Implement advanced security measures to protect PHI from unauthorized access and breaches.

  - Consent and Patient Rights: Establish clear protocols for patient consent management and uphold patient rights regarding their healthcare data.

  - Breach Notification Procedures: Develop and maintain swift and comprehensive breach notification procedures to comply with legal requirements.

  - Training for Sensitive Data Handling: Provide specialized training for staff on handling sensitive health information and maintaining patient privacy.

Data Governance and Data Management Untangled

Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

- Data Privacy Regulations

- Data Security and Cybersecurity

- Data Classification and Sensitivity

- Data Retention and Deletion Policies

- Evolving Data Landscape Technologies
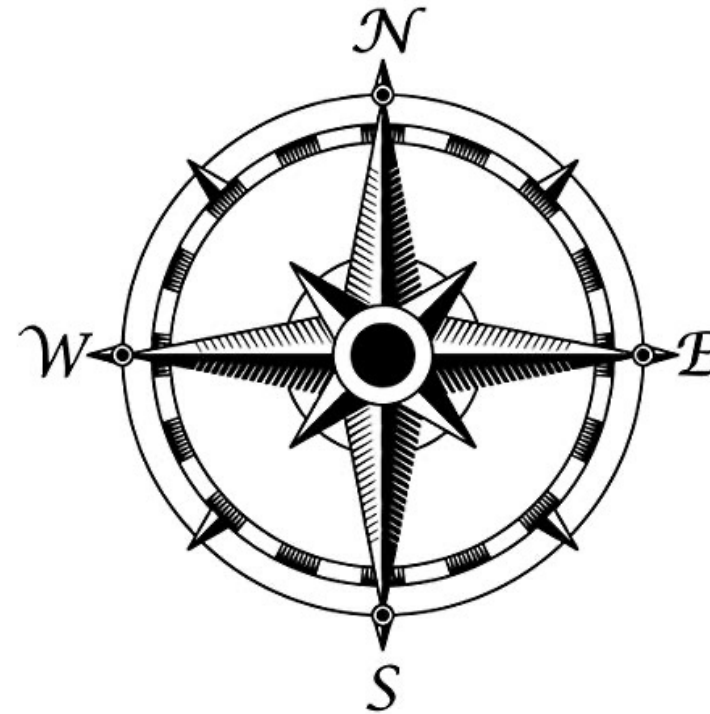
Data Governance and Data Management Untangled
Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

- Data Privacy Regulations

  – Global Regulation Awareness: Stay informed about global data privacy laws like GDPR, CCPA, and others, understanding their implications for data governance and management.

  – Data Subject Rights Compliance: Incorporate mechanisms to address data subjects' rights, including access, rectification, deletion, and portability of data.

  – Cross-Border Data Transfer Regulations: Understand and comply with regulations governing the transfer of data across international boundaries.

  – Regular Compliance Audits: Conduct regular audits to ensure ongoing compliance with evolving data privacy regulations.

  – Privacy by Design Approach: Integrate privacy considerations into the design of data governance and management systems from the outset.

Data Governance and Data Management Untangled

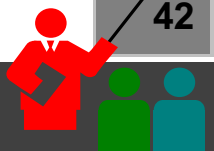## Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

- Data Security and Cybersecurity

  - Robust Encryption Standards: Implement strong encryption for data at rest and in transit to safeguard against unauthorized access.

  - Continuous Vulnerability Assessments: Regularly conduct vulnerability assessments and penetration testing to identify and mitigate potential security risks.

  - Access Control Mechanisms: Establish strict access control policies and authentication procedures to ensure only authorized personnel access sensitive data.

  - Cybersecurity Training for Employees: Provide ongoing cybersecurity training to employees to recognize and prevent potential threats and breaches.

  - Incident Response Planning: Develop and maintain an effective incident response plan for timely and compliant handling of data breaches.

Data Governance and Data Management Untangled
Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

- Data Classification and Sensitivity

  - Define Classification Levels: Clearly define data classification levels (e.g., public, confidential, sensitive) based on data sensitivity and risk.

  - Implement Classification Policies: Develop and enforce policies for handling data according to its classification level to ensure appropriate protection.

  - Regular Data Assessment: Conduct regular assessments to identify and classify new data or reclassify existing data as necessary.

  - Training on Data Handling: Train staff on the importance of data classification and the correct handling of data at different sensitivity levels.

  - Integration with Security Protocols: Integrate data classification with organizational security protocols to control access and prevent data leaks or breaches.

Data Governance and Data Management Untangled
Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

- Data Retention and Deletion Policies

  - Regulatory Compliance: Ensure data retention and deletion policies comply with relevant legal and industry-specific regulations, like GDPR and HIPAA.

  - Clear Retention Schedules: Define specific retention periods for different types of data, considering both legal requirements and business needs.

  - Secure Deletion Practices: Implement secure data deletion methods that irreversibly remove data after the retention period expires, preventing unauthorized recovery.

  - Data Archiving Solutions: Utilize reliable archiving solutions for data that must be retained over long periods, ensuring continued accessibility and security.

  - Audit Trails for Deletion: Maintain comprehensive audit trails for data deletion activities to ensure accountability and traceability for compliance purposes.

43

Data Governance and Data Management Untangled
Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

- Evolving Data Landscape Technologies

  - **Adaptability to New Technologies:** Ensure data governance and management frameworks are flexible enough to integrate emerging technologies like AI and IoT.

  - **Data Privacy in Advanced Analytics:** Address privacy concerns and compliance when using advanced analytics and big data technologies.

  - **Cloud Storage and Computing Compliance:** Manage compliance issues related to data storage and processing in cloud environments, including multi-tenancy and data sovereignty.

  - **Blockchain for Data Integrity:** Explore the use of blockchain technology for enhancing data integrity and traceability in decentralized systems.

  - **Cybersecurity for Emerging Threats:** Continuously update cybersecurity strategies to protect against evolving threats in new technological landscapes.

Data Governance and Data Management Untangled
Summary

- In the webinar, I shared …
  - Gaining Understanding of the Relationship Between Data Governance and Management
  - Techniques to Establish and Optimize your Data Governance Frameworks
  - Strategies for Aligning Governance and Management Across Your Organization
  - Real-World Case Studies Showcasing Successful Data Governance Implementations
  - Navigating Challenges and Achieving Compliance in the Evolving Data Landscape

SUMMARY

Data Governance and Data Management Untangled

Q & A - Contact Information

- Robert S. Seiner

  KIK Consulting & Educational Services – KIKconsulting.com

  rseiner@kikconsulting.com   @RSeiner

Thank you!