

Real-World Data Governance

How Generative AI and LLMs Shape Data Governance

Monthly Webinar Series Hosted by DATAVERSITY

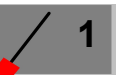
Robert S. Seiner – KIK Consulting

May 16, 2024 – 11:00 a.m. PT / 2:00 p.m. ET



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How Generative AI and LLMs Shape Data Governance

Introduction

Real-World Data Governance – Monthly Webinar Series

June 20, 2024: Quality as the Rhythm of Governance

Third Thursday each Month @ 2pm EST – Register at TDAN.com, KIKconsulting.com, DATAVERSITY.net

Upcoming Events

Data Governance & Information Quality Conference West (DGIQW) – San Diego, California – June 3 – 7, 2024

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

Popular: Business Glossaries, Data Dictionaries and Data Catalogs

DATAVERSITY Training Center – <https://training.dataversity.net>

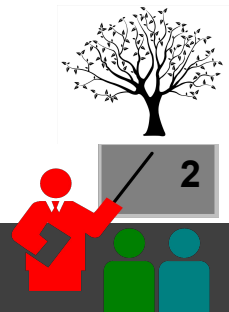
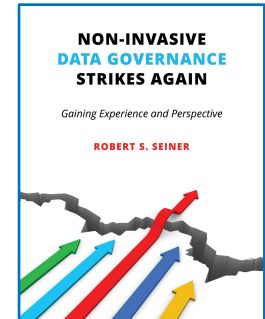
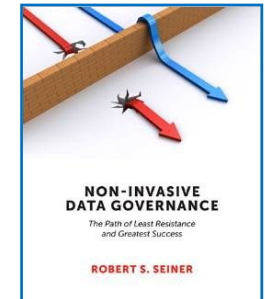
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Carnegie Mellon University (CMU)

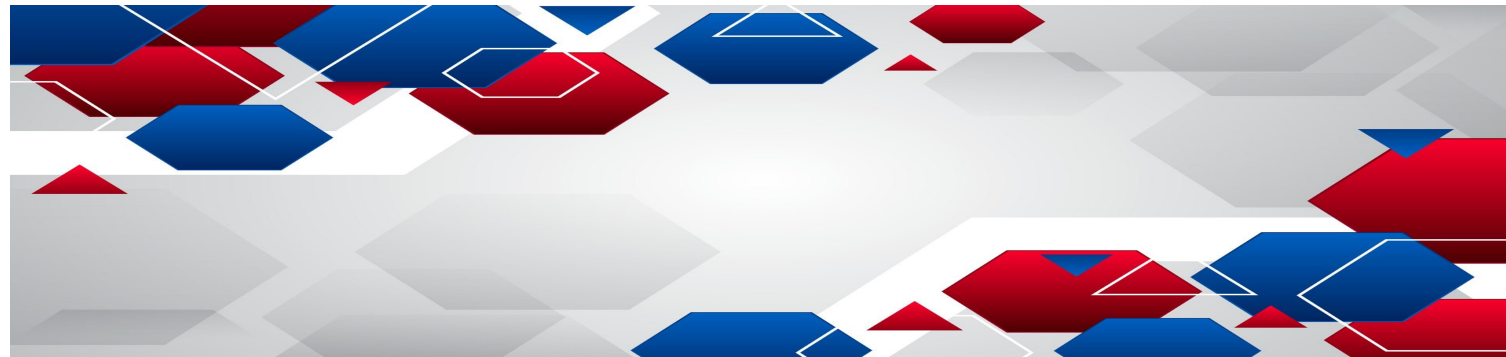
Adjunct: Heinz College Executive Education – **Chief Data and AI Officer (CDAIO)** Certificate Program



How Generative AI and LLMs Shape Data Governance

Abstract

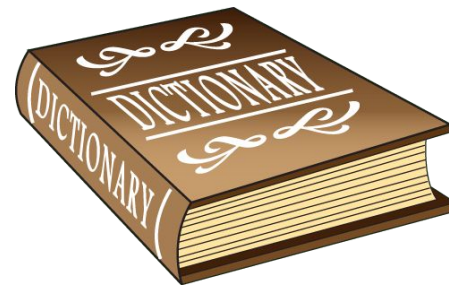
- In this webinar, I will share ...
 - The Potential of Generative AI and LLMs in Shaping Data Governance Practices
 - How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement
 - Strategies for Integrating Generative AI and LLMs into a Data Governance Framework
 - Challenges and Considerations for Implementing AI-Driven Data Governance Solutions
 - Studies Showcasing the Impact of Technologies on Data Governance



How Generative AI and LLMs Shape Data Governance

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.
- **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.



How Generative AI and LLMs Shape Data Governance

Definitions

- Artificial Intelligence (AI) ➔ Generative AI ➔ Large Language Models (LLMs)
- **Artificial Intelligence** – The development of computer **systems capable of performing tasks that typically require human intelligence.**
 - These tasks may include understanding natural language, recognizing patterns, solving problems, learning from experience, and making decisions.
 - AI technologies enable machines to simulate human-like cognitive functions, such as perception, reasoning, learning, and problem-solving, to automate processes, analyze data, and perform tasks more efficiently.
 - AI encompasses various subfields including computer vision, robotics, and expert systems applications.

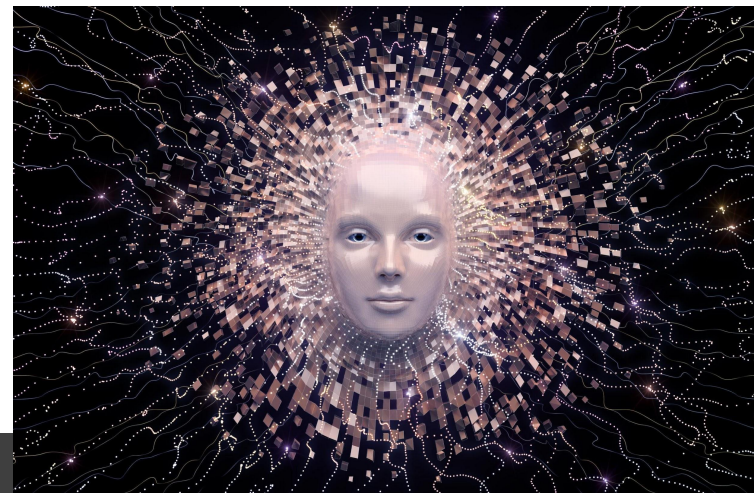


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How Generative AI and LLMs Shape Data Governance

Definitions

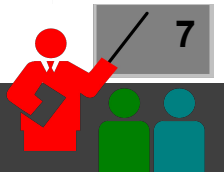
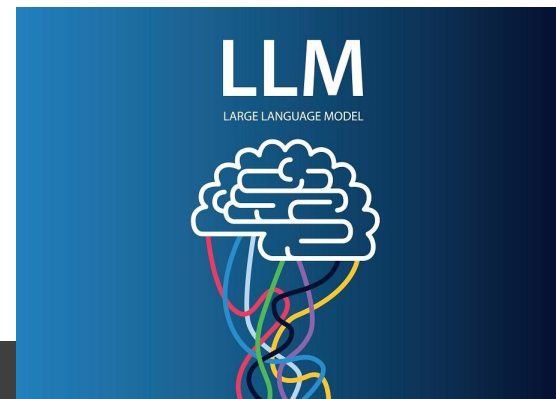
- **Generative AI** – A subset of artificial intelligence (AI) techniques and models designed to **generate new content**, such as text, images, audio, or video, that is similar to examples it has been trained on.
 - Unlike traditional AI systems, which are task-specific and follow predefined rules, generative AI models can produce novel and diverse outputs by learning patterns and relationships from large datasets.
 - These models often employ techniques such as neural networks, deep learning, and probabilistic modeling to understand and replicate the underlying structure of the data they are trained on.
 - Generative AI has applications in various fields, including creative arts, natural language processing, content generation, and data synthesis.



How Generative AI and LLMs Shape Data Governance

Definitions

- **Large Language Models (LLMs)** – A type of artificial intelligence (AI) **model designed to understand and generate human-like text based on the input it receives.**
 - These models are trained on vast amounts of text data to learn patterns, relationships, and nuances of language. LLMs, such as OpenAI's GPT (Generative Pre-trained Transformer) models, are capable of generating coherent and contextually relevant responses to a wide range of prompts and queries.
 - LLMs can be used for various natural language processing tasks, including text generation, summarization, translation, question answering, and more.
 - The "large" in "large language model" refers to the extensive size of the model, often characterized by millions or even billions of parameters, enabling it to capture complex linguistic structures and semantics.



How Generative AI and LLMs Shape Data Governance

The Question Everybody (Should Be) (Is) Asking

- What are some of the things (functions) a
 - data steward
 - data domain steward
 - data owner (sic)
 - data governance council member
 - executive level sponsor
 - governance partner
 - ... you name the role

... can ask Generative AI (to perform)
that will help them with their job?
- What data is needs to be included in the LLM to enable this to happen?
- What effort is required to enable this type (level of) functionality in your organization?



How Generative AI and LLMs Shape Data Governance

The Potential of Generative AI and LLMs in Shaping Data Governance Practices

- Streamlining Policy Creation
- Adaptive Compliance Monitoring
- Data Quality Enhancement
- Customizing Governance Roles
- Privacy and Security Innovation



How Generative AI and LLMs Shape Data Governance

The Potential of Generative AI and LLMs in Shaping Data Governance Practices

- Streamlining Policy Creation
 - Utilizing generative AI for the development of dynamic data governance framework components.
 - Streamlining Policy Creation means making the process of creating rules and guidelines more efficient.
 - Utilizing generative AI for the development of dynamic data governance frameworks involves using advanced computer programs to automatically generate flexible systems for managing data responsibly.



How Generative AI and LLMs Shape Data Governance

The Potential of Generative AI and LLMs in Shaping Data Governance Practices

- Adaptive Compliance Monitoring
 - Employing LLMs for continuous compliance tracking and regulatory interpretation.
 - Adaptive Compliance Monitoring means using a flexible approach to keep an eye on whether rules are being followed.
 - Employing LLMs for continuous compliance tracking and regulatory interpretation involves using smart computer systems to always check if organizations are following the rules and understand what those rules mean.



How Generative AI and LLMs Shape Data Governance

The Potential of Generative AI and LLMs in Shaping Data Governance Practices

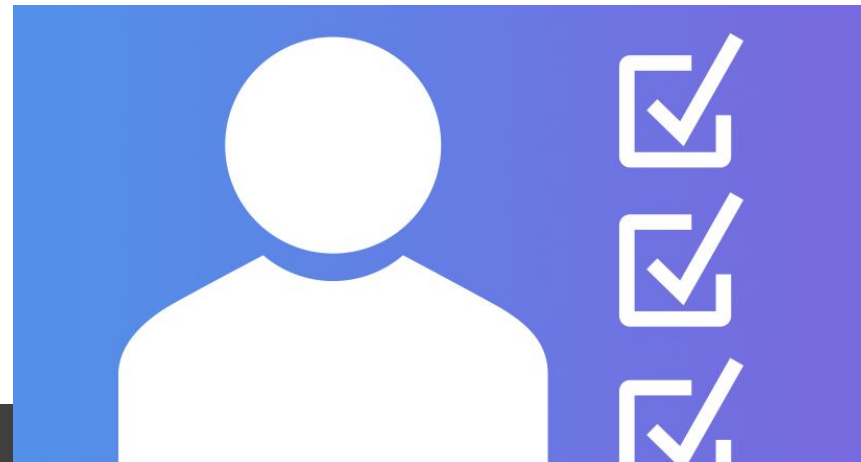
- Data Quality Enhancement
 - Leveraging generative AI for proactive data quality checks and anomaly detection.
 - Data Quality Enhancement involves making data better by using smart computer programs to check for mistakes and unusual things in the data.
 - Leveraging generative AI for proactive data quality checks and anomaly detection means using advanced technology to automatically find and fix errors in the data before they cause problems.



How Generative AI and LLMs Shape Data Governance

The Potential of Generative AI and LLMs in Shaping Data Governance Practices

- Customizing Governance Roles
 - Applying LLMs to define and evolve data stewardship according to organizational needs.
 - Customizing Governance Roles means tailoring the responsibilities and roles related to managing data according to what the organization needs.
 - Applying LLMs to define and evolve data stewardship according to organizational needs involves using smart computer programs to figure out and adapt how data is managed based on what the organization requires.



How Generative AI and LLMs Shape Data Governance

The Potential of Generative AI and LLMs in Shaping Data Governance Practices

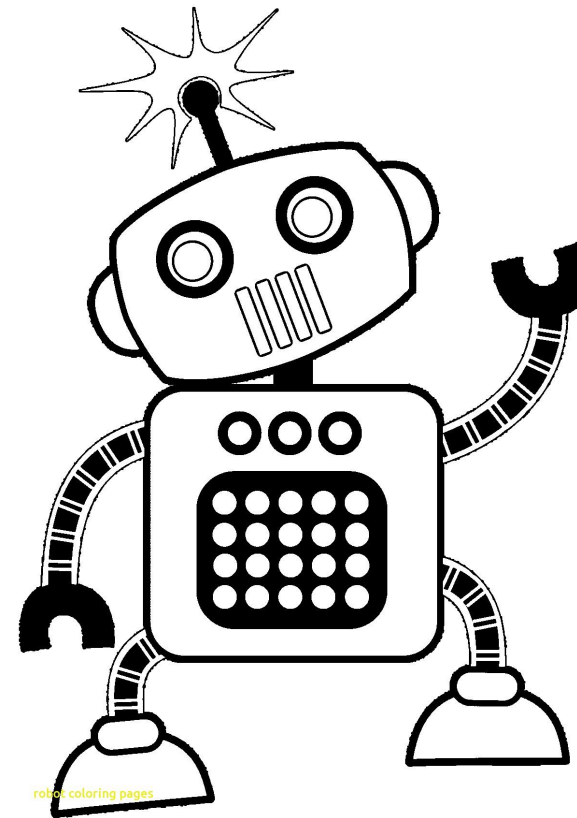
- Privacy and Security Innovation
 - Integrating generative AI into data privacy strategies to secure sensitive information effectively.
 - Privacy and Security Innovation refers to finding new ways to protect private and sensitive data.
 - Integrating generative AI into data privacy strategies to secure sensitive information effectively involves using smart computer programs to help keep important data safe from being seen or used by people who shouldn't have access to it.



How Generative AI and LLMs Shape Data Governance

How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement

- AI-Driven Data Classification
- Automated Documentation Generation
- Policy Implementation and Enforcement
- Real-time Policy Adaptation
- Enhancing Data Security Posture



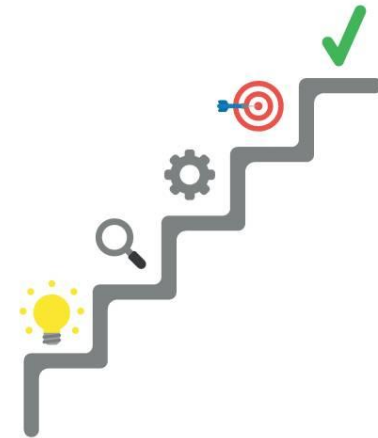
How Generative AI and LLMs Shape Data Governance

How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement

- AI-Driven Data Classification
 - Exploring how AI categorizes complex datasets automatically for efficient governance.

Steps to Consider

- Identify data categories automatically.
- Assign classification labels based on content.
- Continuously adapt to evolving data types.
- Integrate with existing data governance frameworks.
- Streamline compliance processes through automation.



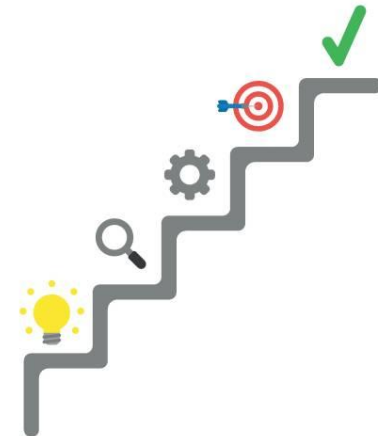
How Generative AI and LLMs Shape Data Governance

How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement

- Automated Documentation Generation
 - Demonstrating the use of LLMs to create and maintain accurate data records.

Steps to Consider

- Generate comprehensive documentation automatically.
- Customize templates for various governance documents.
- Ensure consistency and accuracy in documentation.
- Incorporate data insights and analysis into reports.
- Streamline the documentation process for efficiency.



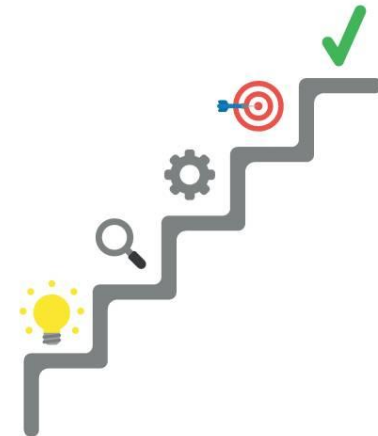
How Generative AI and LLMs Shape Data Governance

How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement

- Policy Implementation and Enforcement
 - Discussing AI's role in translating governance policies into actionable rules for data systems.

Steps to Consider

- Automatically implement policies across data systems.
- Monitor and enforce policies consistently.
- Customize enforcement based on organizational needs.
- Ensure real-time compliance with regulations.
- Streamline policy management for efficiency.



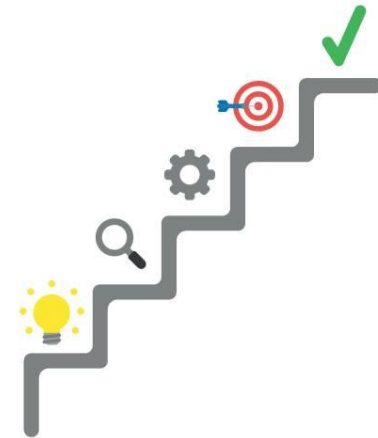
How Generative AI and LLMs Shape Data Governance

How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement

- Real-time Policy Adaptation
 - Showcasing AI's capability to adjust governance protocols in response to emerging data trends.

Steps to Consider

- Continuously adapt policies based on changing data and regulations.
- Utilize real-time data analysis for policy adjustments.
- Automate policy updates to reflect evolving requirements.
- Ensure immediate compliance with new regulations.
- Enable agile governance responses to emerging challenges.



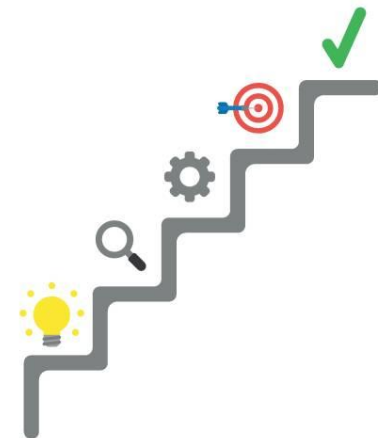
How Generative AI and LLMs Shape Data Governance

How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement

- Enhancing Data Security Posture
 - Highlighting how AI strengthens policy enforcement to protect against data breaches.

Steps to Consider

- Identify and address security vulnerabilities in real-time.
- Automate threat detection and response mechanisms.
- Implement proactive measures to prevent data breaches.
- Utilize AI for predictive analysis of potential security risks.
- Enhance overall data security posture through automated processes.



How Generative AI and LLMs Shape Data Governance

Strategies for Integrating Generative AI and LLMs into a Data Governance Framework

Framework Focus Roles & Participation Challenges & Importance Daily Operations & Reporting	Data	Roles	Processes	Communications	Metrics	Tools
Executive						
Strategic						
Tactical						
Operational						
Support						



How Generative AI and LLMs Shape Data Governance

Strategies for Integrating Generative AI and LLMs into a Data Governance Framework

- Establishing AI-Enabled Policy Management
 - Integrating AI tools to dynamically generate and update data governance policies.
 - Automated Policy Adaptation
 - Consideration: Establish mechanisms within your AI tools that allow for the **dynamic adaptation of policies** based on changing data landscapes and regulatory environments. The AI should be capable of analyzing trends, usage patterns, and compliance requirements to suggest modifications to existing policies or the creation of new ones.
 - Transparency and Explainability
 - Consideration: Ensure that the **policy generation and updating processes driven by AI** are transparent and explainable. Stakeholders should be able to understand how and why certain policies are suggested, revised, or discarded. This transparency is crucial for maintaining trust in the AI-driven process and for ensuring that all changes adhere to ethical guidelines.
 - Stakeholder Engagement and Training
 - Consideration: While AI can greatly **enhance the efficiency and responsiveness of policy management**, it's vital to keep human stakeholders in the loop. This includes training data governance teams to work with AI tools effectively and involving them in the decision-making process to ensure that AI-generated policies are practical and aligned with organizational goals.



How Generative AI and LLMs Shape Data Governance

Strategies for Integrating Generative AI and LLMs into a Data Governance Framework

- Leveraging AI for Regulatory Compliance
 - Utilizing AI to monitor changes in regulations and automatically adjust governance practices accordingly.
 - Continuous Regulatory Monitoring
 - Consideration: Implement AI systems capable of [continuously scanning and analyzing regulatory updates](#) across multiple jurisdictions. This is crucial for organizations operating internationally where regulations can vary significantly and change frequently.
 - Contextual Understanding and Application
 - Consideration: AI tools should not only detect changes but also [understand the context and implications of these changes](#) for your specific operations. This involves training AI models on legal texts and company-specific data governance needs to ensure accurate interpretation and application of the rules.
 - Risk Assessment and Management
 - Consideration: Utilize AI to [assess the potential risks associated with regulatory non-compliance](#) and to prioritize updates to governance practices based on these risks. AI can help identify which areas of your data handling processes are most at risk from regulatory changes and suggest the most effective adjustments.



How Generative AI and LLMs Shape Data Governance

Strategies for Integrating Generative AI and LLMs into a Data Governance Framework

- Enhancing Data Quality with AI
 - Deploying AI algorithms to continuously monitor and improve the accuracy and consistency of data.
 - Automated Error Detection and Correction
 - Consideration: Utilize AI to [automate the detection and correction of errors](#) in data sets. AI algorithms can be trained to identify anomalies, duplicates, and inconsistencies that may not be easily noticeable by human reviewers. This proactive approach ensures high data quality without requiring extensive manual oversight.
 - Real-Time Data Validation
 - Consideration: Implement AI-driven systems that perform [real-time validation](#) as data is entered or imported into your systems. This immediate feedback can prevent the accumulation of faulty data in your databases, maintaining the overall integrity of the data pool.
 - Data Standardization Using AI
 - Consideration: Apply AI algorithms to standardize data across various sources to [ensure consistency and compatibility](#). Standardization is key to enabling effective data analysis and ensuring that data from different sources can be compared and aggregated without errors.



How Generative AI and LLMs Shape Data Governance

Strategies for Integrating Generative AI and LLMs into a Data Governance Framework

- Automating Data Stewardship Tasks
 - Implementing LLMs to assist in routine data governance activities and decision-making processes.
 - Task Automation and Efficiency
 - Consideration: Identify **routine and repetitive data stewardship tasks that can be automated** using LLMs, such as data classification, metadata generation, and policy documentation. Automating these tasks can significantly enhance operational efficiency and free up data stewards to focus on more complex issues that require human intervention.
 - Enhanced Decision Support
 - Consideration: Leverage LLMs to provide **decision support for data stewards** by analyzing vast amounts of data and suggesting actions based on trends, anomalies, or historical decisions. This can help data stewards make more informed decisions faster, particularly in dynamic environments where quick responsiveness is crucial.
 - Quality Control and Continuous Learning
 - Consideration: Ensure that the outputs of LLMs used in automating data stewardship **tasks maintain a high standard of quality**. This involves setting up quality control mechanisms to monitor and evaluate the suggestions and actions taken by the LLMs regularly.



How Generative AI and LLMs Shape Data Governance

Strategies for Integrating Generative AI and LLMs into a Data Governance Framework

- Implementing AI-Driven Security Protocols
 - Using AI to enhance data security measures and automatically enforce data access controls.
 - Dynamic Access Control
 - Consideration: Implement AI systems that can [dynamically adjust data access controls based on user behavior, data sensitivity, and current security policies](#). This adaptive approach can help mitigate risks by restricting access to sensitive data based on context, such as the user's location, device security status, and the nature of the data requested.
 - Proactive Threat Detection
 - Consideration: Use AI to [proactively detect and respond to potential security threats](#) before they compromise data integrity. AI can monitor vast amounts of network and access data in real-time, identifying patterns that are indicative of cyber attacks, such as phishing, malware, or insider threats.
 - Automated Compliance Monitoring
 - Consideration: Utilize AI to [ensure that data handling and access controls comply with relevant data protection regulations](#) such as GDPR, HIPAA, or CCPA. AI can continuously monitor data operations and automatically report compliance deviations in real-time, facilitating rapid corrective actions and reducing the risk of non-compliance penalties.



How Generative AI and LLMs Shape Data Governance

Challenges and Considerations for Implementing AI-Driven Data Governance Solutions

- Data Privacy and Security Concerns
- Bias and Fairness in AI Models
- Integration with Existing Systems
- Scalability and Cost Implications
- Regulatory and Ethical Compliance



How Generative AI and LLMs Shape Data Governance

Challenges and Considerations for Implementing AI-Driven Data Governance Solutions

- Data Privacy and Security Concerns
 - Addressing vulnerabilities introduced by AI in managing sensitive data.
 - Implement Robust Encryption and Anonymization Techniques
 - Step Description: As AI systems process and analyze large volumes of sensitive data, **ensuring that this data is encrypted both at rest and in transit is crucial**. Anonymization techniques should also be applied to sensitive data to prevent identification of individuals, thereby mitigating risks associated with data breaches or leaks. This step involves integrating advanced cryptographic techniques and continuously updating them to counteract evolving cybersecurity threats.
 - Enhanced Monitoring and Real-time Anomaly Detection
 - Step Description: To address vulnerabilities introduced by AI, it is essential to implement a comprehensive monitoring system that can **detect unusual activities or anomalies in real-time**. AI and machine learning algorithms are particularly adept at identifying patterns that deviate from the norm, which could indicate potential security threats or data breaches.



How Generative AI and LLMs Shape Data Governance

Challenges and Considerations for Implementing AI-Driven Data Governance Solutions

- Bias and Fairness in AI Models
 - Tackling the challenge of inherent biases in AI algorithms affecting governance decisions.
 - Comprehensive Data Auditing and Cleansing
 - Step Description: To tackle the challenge of biases in AI models, the first step is to ensure that the data used for training these models is as unbiased and representative as possible. This involves conducting thorough audits of the datasets to identify and mitigate any existing biases or imbalances that could skew the model's outcomes.
 - Iterative Model Training with Human Oversight
 - Step Description: AI models, particularly those used in decision-making processes, should be continuously evaluated and refined to minimize bias and ensure fairness. This requires an iterative training process where AI models are regularly updated and validated against new data, and human oversight is integral to assess and rectify biases that AI might not independently identify.



How Generative AI and LLMs Shape Data Governance

Challenges and Considerations for Implementing AI-Driven Data Governance Solutions

- Integration with Existing Systems
 - Overcoming technical hurdles in melding AI with legacy data systems.
 - API-Led Connectivity
 - Step Description: Utilizing APIs (Application Programming Interfaces) is a strategic approach to facilitate seamless [integration between new AI tools and existing legacy systems](#). APIs act as bridges that allow different software systems to communicate and work together without needing extensive restructuring.
 - Gradual Layered Implementation
 - Step Description: Rather than attempting a full-scale integration of AI into all legacy systems at once, adopting a [gradual, layered approach can mitigate risks and allow for troubleshooting and optimization](#) at each step. This method involves integrating AI solutions in stages, starting with non-critical processes to test and refine the interaction between new and old systems.



How Generative AI and LLMs Shape Data Governance

Challenges and Considerations for Implementing AI-Driven Data Governance Solutions

- Scalability and Cost Implications
 - Evaluating the scalability of AI solutions and their cost-effectiveness for large-scale implementation.
 - Modular Architecture and Incremental Scaling
 - Step Description: Designing AI systems with a modular architecture can significantly aid in scaling efforts. This approach allows organizations to **expand or upgrade their AI capabilities incrementally**, aligning with growth and changing needs without overhauling the entire system.
 - Cost-Benefit Analysis and ROI Forecasting
 - Step Description: Before committing to a large-scale implementation of AI-driven data governance solutions, conducting a thorough **cost-benefit analysis and ROI** (Return on Investment) forecasting is crucial. This analysis should account for all direct and indirect costs, including initial setup, ongoing operation, maintenance, and training, against the anticipated benefits such as improved efficiency, compliance, and decision-making.



How Generative AI and LLMs Shape Data Governance

Challenges and Considerations for Implementing AI-Driven Data Governance Solutions

- Regulatory and Ethical Compliance
 - Navigating the complex regulatory landscape related to AI usage in data governance.
 - Continuous Regulatory Monitoring and Adaptation
 - Step Description: Given the rapidly evolving nature of AI technologies, regulatory frameworks are also frequently updated to keep pace. It's crucial for organizations to implement systems that ensure [continuous monitoring of these changes to stay compliant](#). AI can be instrumental in this monitoring by scanning regulatory updates and flagging relevant changes to data governance practices.
 - Ethical Audits and Frameworks
 - Step Description: Beyond legal compliance, ethical considerations are paramount in the deployment of AI within data governance frameworks. Organizations must ensure that their AI systems [adhere to ethical standards](#), particularly in terms of fairness, transparency, and accountability.



How Generative AI and LLMs Shape Data Governance

Studies Showcasing the Impact of Technologies on Data Governance

- Case Study on AI-Enhanced Data Classification
- Impact of AI on Regulatory Compliance
- Success Stories in Automated Data Quality Management
- AI-Driven Policy Enforcement
- Real-World Application of AI in Risk Management



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How Generative AI and LLMs Shape Data Governance

Studies Showcasing the Impact of Technologies on Data Governance

- Case Study on AI-Enhanced Data Classification
 - Demonstrating improved accuracy and efficiency in data sorting and categorization.
 - Impetus for the Use Case:
 - A financial services firm faced challenges in managing and categorizing large volumes of transaction data efficiently. The goal was to integrate AI-enhanced data classification to streamline these processes, reducing manual labor and improving data accuracy, which is crucial for regulatory compliance and customer service.
 - Business Value Provided:
 - The adoption of AI-enhanced data classification allowed the firm to automate the sorting and categorization of transaction data, significantly enhancing accuracy and operational efficiency. This resulted in faster transaction processing, improved compliance with financial regulations, and better customer service by providing quicker access to transaction information.
 - How the Business Value Was Measured:
 - Business value was assessed by tracking the reduction in processing times and errors. Processing time for transactions decreased by 40%, and error rates in data categorization dropped by 35%. Additionally, compliance incident reports decreased, reflecting higher data accuracy and adherence to regulations, directly attributing these improvements to the AI system's performance.



How Generative AI and LLMs Shape Data Governance

Studies Showcasing the Impact of Technologies on Data Governance

- Impact of AI on Regulatory Compliance
 - Highlighting instances where AI tools have streamlined adherence to international data protection laws.
 - Impetus for the Use Case:
 - A multinational corporation struggled with adhering to various international data protection laws efficiently. The company implemented AI tools to streamline compliance processes by automatically updating and applying regulatory changes across different regions, aiming to reduce legal risks and enhance data handling practices.
 - Business Value Provided:
 - AI implementation significantly simplified the compliance process, ensuring that the company met international data protection standards more consistently. This resulted in fewer compliance violations, reduced risk of fines, and improved trust with clients concerned about data privacy.
 - How the Business Value Was Measured:
 - The effectiveness of AI in enhancing regulatory compliance was measured by a decline in compliance-related incidents, which fell by 50%. Additionally, the time spent on compliance audits was reduced by 30%, demonstrating the AI's efficiency in maintaining up-to-date adherence to regulations. Client satisfaction surveys also reflected higher confidence in the company's data handling capabilities.



How Generative AI and LLMs Shape Data Governance

Studies Showcasing the Impact of Technologies on Data Governance

- Success Stories in Automated Data Quality Management
 - Showcasing how organizations have used AI to significantly reduce data errors and inconsistencies.
 - Impetus for the Use Case:
 - A healthcare provider faced significant challenges with data errors and inconsistencies across its patient records, impacting service delivery and compliance. The organization implemented AI for automated data quality management, aiming to improve accuracy and ensure higher standards of patient care and regulatory compliance.
 - Business Value Provided:
 - By integrating AI, the organization significantly enhanced the accuracy and reliability of patient data. This improvement led to better patient outcomes, more efficient service delivery, and fewer compliance issues, all of which are critical in healthcare.
 - How the Business Value Was Measured:
 - The impact of AI on data quality was quantified by a 40% reduction in data discrepancies reported and a 30% decrease in related operational delays. Patient satisfaction scores also improved, reflecting the higher data accuracy and improved healthcare services facilitated by reliable data management.



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How Generative AI and LLMs Shape Data Governance

Studies Showcasing the Impact of Technologies on Data Governance

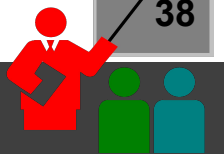
- AI-Driven Policy Enforcement
 - Outlining examples where AI has effectively monitored and enforced compliance across digital platforms.
 - Impetus for the Use Case:
 - A major online retailer faced challenges in enforcing compliance with its marketplace policies and legal regulations across its digital platform. The company deployed AI-driven tools to monitor and enforce these policies automatically, aiming to improve compliance and maintain a fair-trading environment.
 - Business Value Provided:
 - The AI-driven policy enforcement system significantly improved the platform's compliance rates, leading to a safer and more reliable marketplace. This improvement boosted consumer trust and vendor adherence to marketplace standards.
 - How the Business Value Was Measured:
 - The effectiveness of the AI system was measured by a 50% reduction in policy violations and a 40% decrease in customer complaints regarding vendor non-compliance. Additionally, there was a noticeable increase in positive vendor reviews, indicating higher satisfaction with the fairness of the marketplace.



How Generative AI and LLMs Shape Data Governance

Studies Showcasing the Impact of Technologies on Data Governance

- Real-World Application of AI in Risk Management
 - Examining how AI technologies have helped predict and mitigate data-related risks in various sectors.
 - Impetus for the Use Case:
 - A financial institution faced challenges in predicting and mitigating risks associated with loan defaults and fraudulent transactions. They integrated AI technologies to analyze patterns and predict potential risks more accurately, aiming to minimize financial losses and enhance decision-making processes.
 - Business Value Provided:
 - AI implementation allowed the institution to significantly reduce loan defaults and fraud incidents by proactively identifying risky transactions and borrower profiles. This improvement bolstered financial stability and customer trust.
 - How the Business Value Was Measured:
 - The impact was quantified by a 30% decrease in default rates and a 25% reduction in fraud cases year-over-year. Additionally, the risk management team reported a 20% improvement in operational efficiency due to more accurate risk assessments, contributing to overall cost savings.



How Generative AI and LLMs Shape Data Governance

Summary

- In the webinar, I shared ...
 - The Potential of Generative AI and LLMs in Shaping Data Governance Practices
 - How Technologies Can Automate Data Classification, Documentation, and Policy Enforcement
 - Strategies for Integrating Generative AI and LLMs into a Data Governance Framework
 - Challenges and Considerations for Implementing AI-Driven Data Governance Solutions
 - Studies Showcasing the Impact of Technologies on Data Governance

SUMMARY



How Generative AI and LLMs Shape Data Governance

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thank you!

