

# CH12 - BI Governance and Management



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## BI Governance and Management

CH12 focuses on the governance and management aspects of business intelligence (BI) to ensure the effective and ethical use of data within an organization. It covers strategies for establishing governance frameworks, managing data quality, and ensuring compliance with regulations.

# Introduction to BI Governance

## Introduction to BI Governance

- **Definition:** BI governance involves the policies, procedures, and standards that ensure the effective management and use of BI resources.
- **Importance:** Ensures data integrity, security, and compliance, and aligns BI initiatives with business objectives.

# Establishing a BI Governance Framework

## Establishing a BI Governance Framework

- **Governance Structures:** Setting up committees or boards responsible for BI governance.
- **Policies and Procedures:** Developing policies and procedures to guide BI practices and ensure consistency.
- **Roles and Responsibilities:** Defining roles and responsibilities for data stewards, analysts, and other stakeholders.

# Data Quality Management

## Data Quality Management

- **Data Quality Dimensions:** Accuracy, completeness, consistency, and timeliness of data.
- **Data Profiling:** Assessing the quality of data through analysis and validation.
- **Data Cleansing:** Identifying and correcting errors or inconsistencies in data.

## Data Security and Privacy

- **Security Measures:** Implementing access controls, encryption, and other security measures to protect data.
- **Privacy Compliance:** Ensuring compliance with data protection regulations such as GDPR and CCPA.
- **Incident Management:** Developing processes for detecting, reporting, and addressing data breaches or security incidents.

## Data Management

- **Master Data Management (MDM):** Implementing MDM practices to ensure a single, consistent view of critical business data.
- **Data Quality:** Ensuring high data quality through cleansing, validation, and ongoing monitoring.
- **Data Security:** Implementing robust security measures to protect sensitive data and comply with regulatory requirements.

# Compliance and Regulatory Requirements

## Compliance and Regulatory Requirements

- **Regulatory Frameworks:** Understanding and complying with relevant regulations and standards.
- **Audit and Reporting:** Conducting regular audits and generating reports to demonstrate compliance.
- **Risk Management:** Identifying and mitigating risks associated with data management and BI practices.



## Performance Measurement and Monitoring

- **Key Performance Indicators (KPIs):** Defining and tracking KPIs to measure the effectiveness of BI governance.
- **Monitoring Tools:** Using tools and dashboards to monitor data quality, security, and compliance.
- **Continuous Improvement:** Regularly reviewing and improving governance practices to adapt to changing needs.

## Change Management in BI Governance

### Change Management in BI Governance

- **Change Management Strategies:** Planning and managing changes to BI systems and practices.
- **Stakeholder Communication:** Ensuring effective communication with stakeholders during changes.
- **Training and Support:** Providing training and support to users to help them adapt to new governance practices.

### Case Studies and Best Practices

- **Success Stories:** Highlighting successful BI governance implementations.
- **Lessons Learned:** Discussing lessons learned and best practices to guide future governance initiatives.

## Conclusion

CH12 emphasizes the importance of robust BI governance and management practices to ensure the ethical, effective, and compliant use of data within an organization. By establishing governance frameworks, managing data quality, and ensuring compliance, organizations can maximize the value of their BI initiatives.

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Q&A

