DATA GOVERNANCE CHEAT SHEET

Ensures availability, integrity, and security of data assets
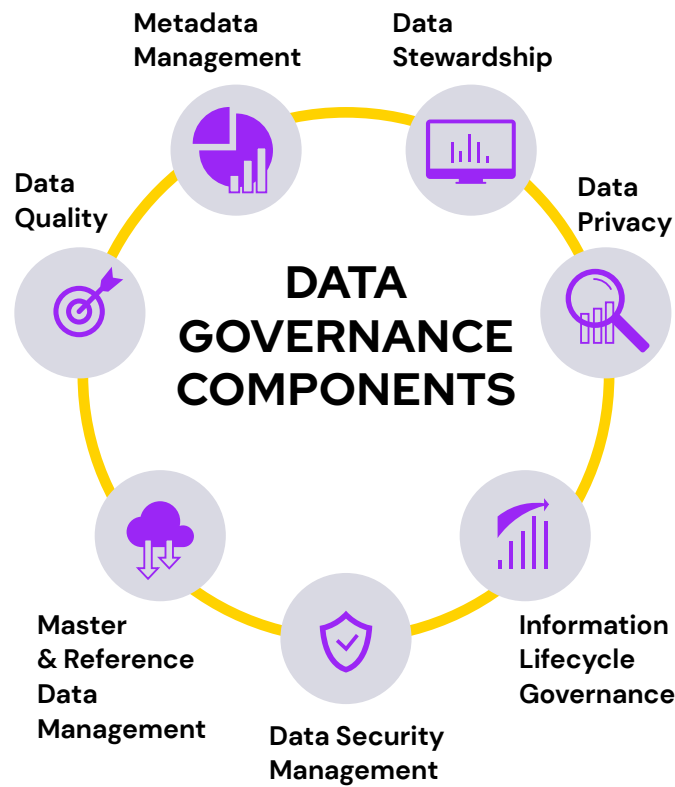
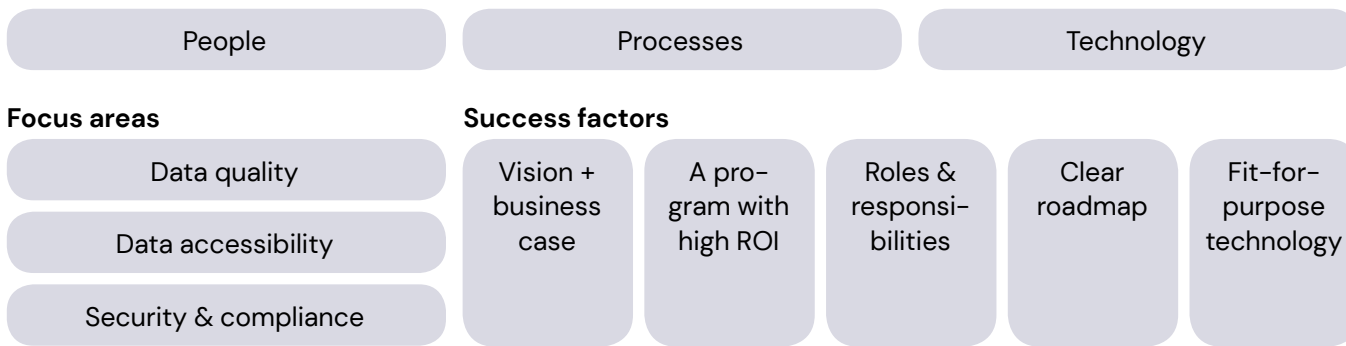by Sergey Gromov

Your Data Guy

DATA GOVERNANCE BEST PRACTICES

1 Collaboration and Alignment: Foster cross-functional teamwork.

2 Stewardship and Ownership: Assign responsibilities for data management.

3 Data Governance and Data Architecture Alignment: Ensure synergy.

4 Integration with Data Management: Coordinate with related initiatives.

5 Adoption of Standards and Frameworks: Follow industry best practices.

DATA GOVERNANCE COMPONENTS

- Metadata Management
- Data Stewardship
- Data Quality
- Data Privacy
- Master & Reference Data Management
- Data Security Management
- Information Lifecycle Governance

IMPLEMENTING DATA GOVERNANCE

✓ Establish a Data Governance Team.

✓ Define Charter and Goals.

✓ Assess Data Governance Maturity.

✓ Create Processes and Documentation.

✓ Implement Tools and Technologies.

✓ Conduct Training and Awareness Programs.
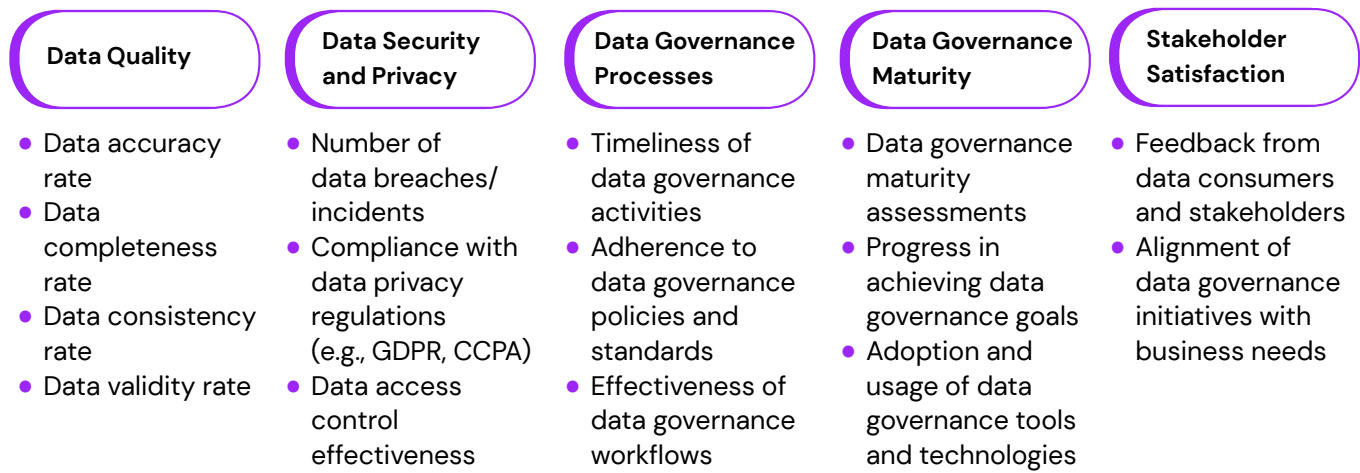
✓ Address Communication and Change Management.

DATA GOVERNANCE FRAMEWORK

People	Processes	Technology

Focus areas

- Data quality
- Data accessibility
- Security & compliance

Success factors

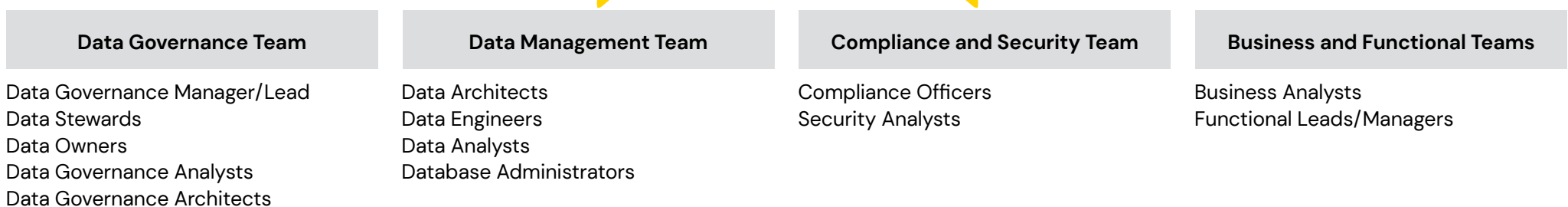| Vision + business case	A program with high ROI	Roles & responsibilities	Clear roadmap	Fit-for-purpose technology

PROS OF DATA GOVERNANCE

▶ Improved data quality and integrity.

▶ Enhanced data security and privacy.

▶ Clear roles, responsibilities, and accountability for data management.

▶ Better compliance with regulatory requirements.

▶ Increased trust and confidence in data across the organization.

▶ Improved decision-making based on reliable and consistent data.

DATA GOVERNANCE

- PROCESS
- TECHNOLOGY
- PEOPLE

KPIs FOR PERFORMANCE EVALUATION

Data Quality	Data Security and Privacy	Data Governance Processes	Data Governance Maturity	Stakeholder Satisfaction
• Data accuracy rate • Data completeness rate • Data consistency rate • Data validity rate	• Number of data breaches/incidents • Compliance with data privacy regulations (e.g., GDPR, CCPA) • Data access control effectiveness	• Timeliness of data governance activities • Adherence to data governance policies and standards • Effectiveness of data governance workflows	• Data governance maturity assessments • Progress in achieving data governance goals • Adoption and usage of data governance tools and technologies	• Feedback from data consumers and stakeholders • Alignment of data governance initiatives with business needs

TEAMS NEEDED TO SUPPORT DATA GOVERNANCE

Data Governance Team
- Data Governance Manager/Lead
- Data Stewards
- Data Owners
- Data Governance Analysts
- Data Governance Architects

Data Management Team
- Data Architects
- Data Engineers
- Data Analysts
- Database Administrators

Compliance and Security Team
- Compliance Officers
- Security Analysts

Business and Functional Teams
- Business Analysts
- Functional Leads/Managers

Data governance enhances data quality, security, and compliance!