



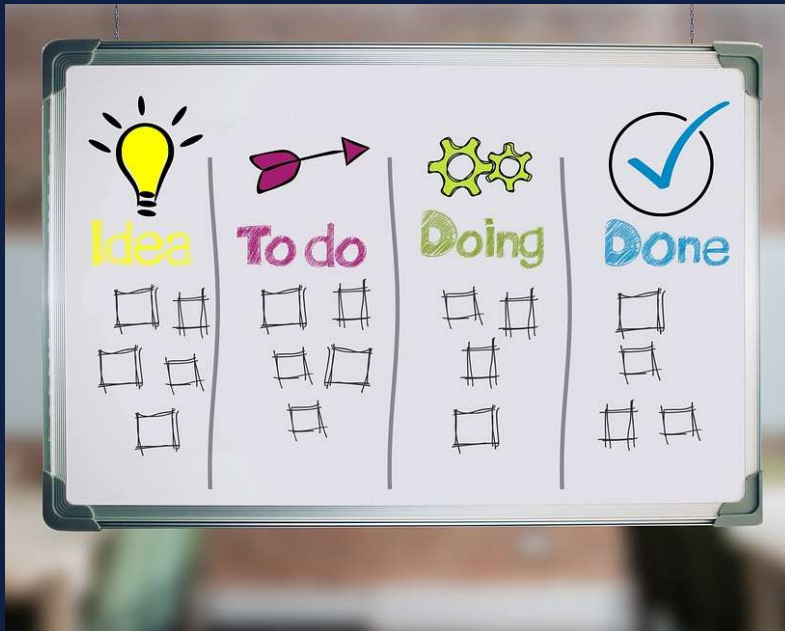
# Data Governance & Compliance

Managing Risk Through Oversight and Control

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UNCG Information Technology Services

IST 466 Information Ethics & Policy  
October 20, 2022

# Agenda



Data as an Asset

The What and Why of Data Governance?

Compliance Assurance & Security

Regulations & Policies

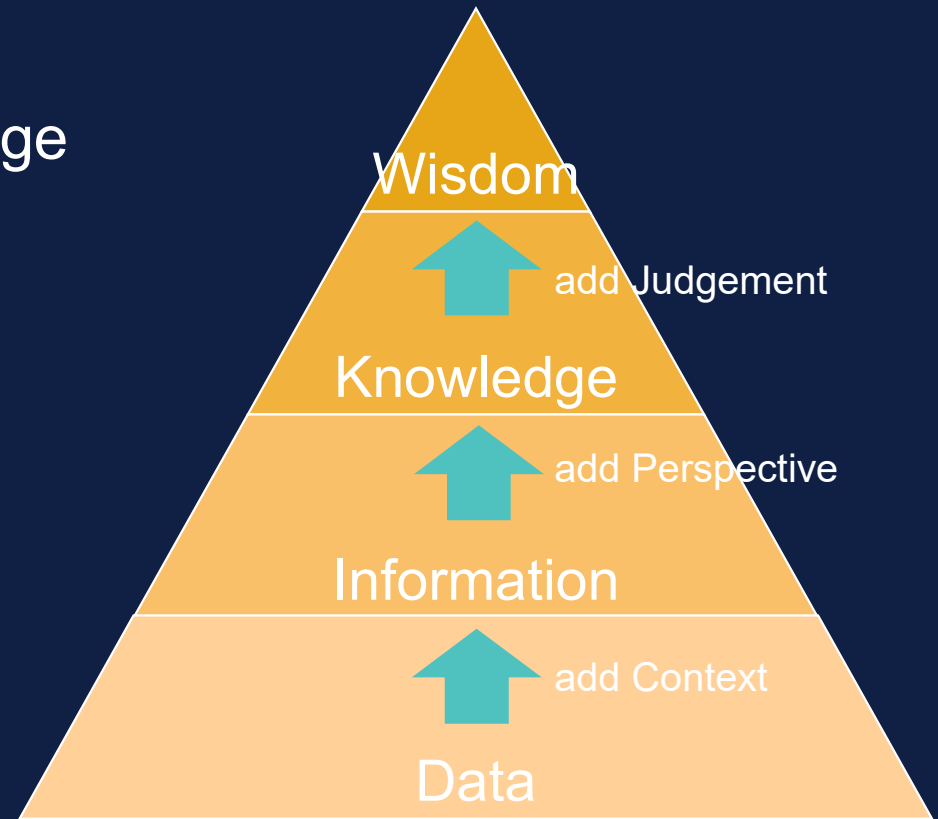
UNCG Data Governance Framework

Data Strategy

Access & Security

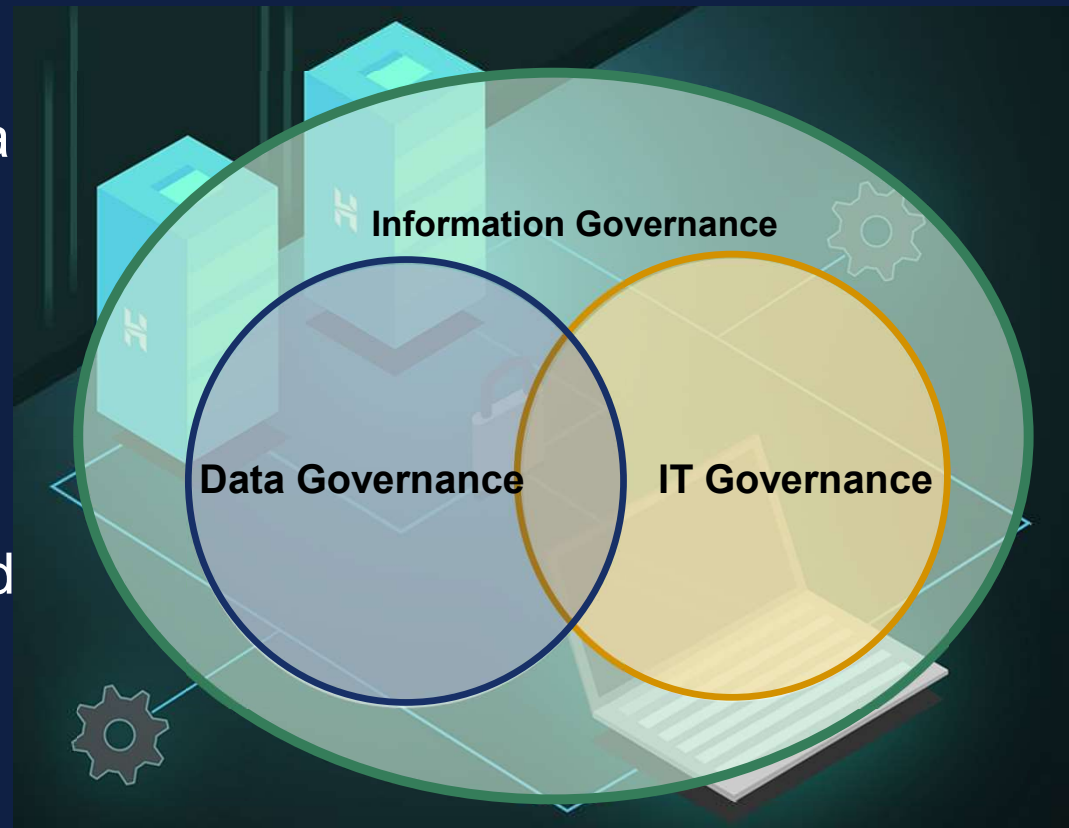
# Introduction: Data as an Asset

- Data is the foundation of knowledge and wisdom for an organization.
- Data is an asset that must be managed and protected.
- Data Governance allows us to manage and ensure the integrity and security of institutional data.
- Data Governance provides us a vehicle to manage risk and compliance



# What is Data Governance?

- A framework to coordinate and oversee the management of data
- An organizational initiative in support of the access and use of data
- A structure for effective and efficient decision making
- A mechanism to manage risk and compliance
- A quality control discipline



# Why do we do Data Governance?

- Formalized accountability
- Improved operational efficiency and effectiveness
- Consistent authority over data
- Improved data quality, understanding, and confidence
- Risk management
  - Increased protection
  - Compliance assurance



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# Compliance Assurance & Security



## State & Federal Regulations

- FERPA
- HIPAA

## UNC System Policies

- 1400.1-3 Information Technology, Security, and Identity & Access

## UNCG Policies & Standards

- Information Security Policy
- ISO 2700X Standards
- Data Classification Policy

## International Regulations

- GDPR

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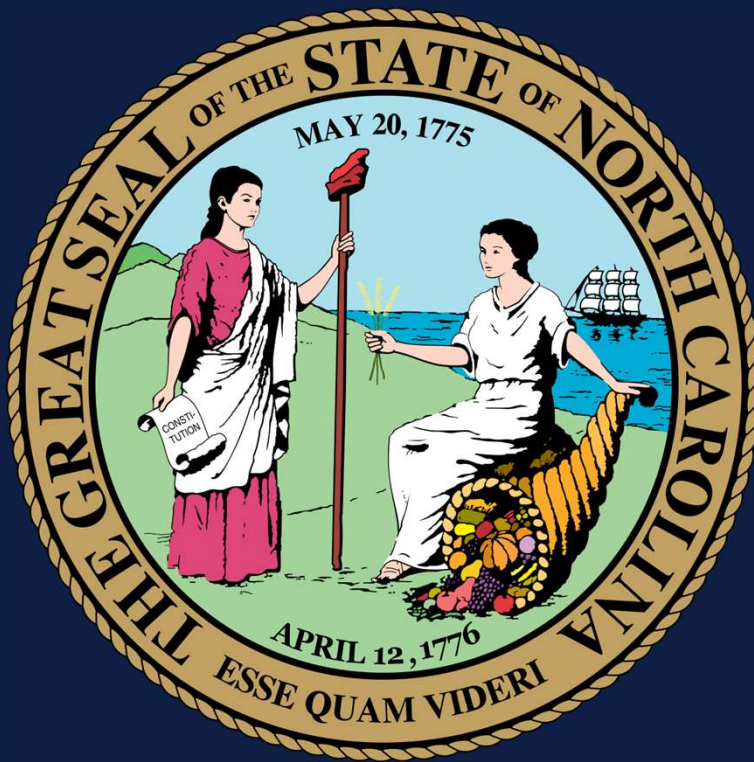
# Federal and International Privacy Regulations

- Family Educational Rights & Privacy Act (FERPA)
- Health Insurance Portability & Accountability Act (HIPAA)
- General Data Protection Regulation (GDPR) - EU



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# State Statute & UNC System Policies



- N.C. General Statute 116 – Higher Education Act
  - Section 40.22.d – Management Flexibility, Information Technology
- UNC System Policy Manual
  - Chapter 1400.1-3 Information Technology



# UNCG Policies & Standards



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## Policies

- Information Security Policy
- Enterprise Systems Policy
- Acceptable Use of Computing and Electronic Resources Policy

## Standards

- Information Security Management Standards
- Access & Authorization Standard

# UNCG Data Governance Policies, Standards, and Charter

Data  
Governance  
Structure Policy

Data  
Classification  
Policy

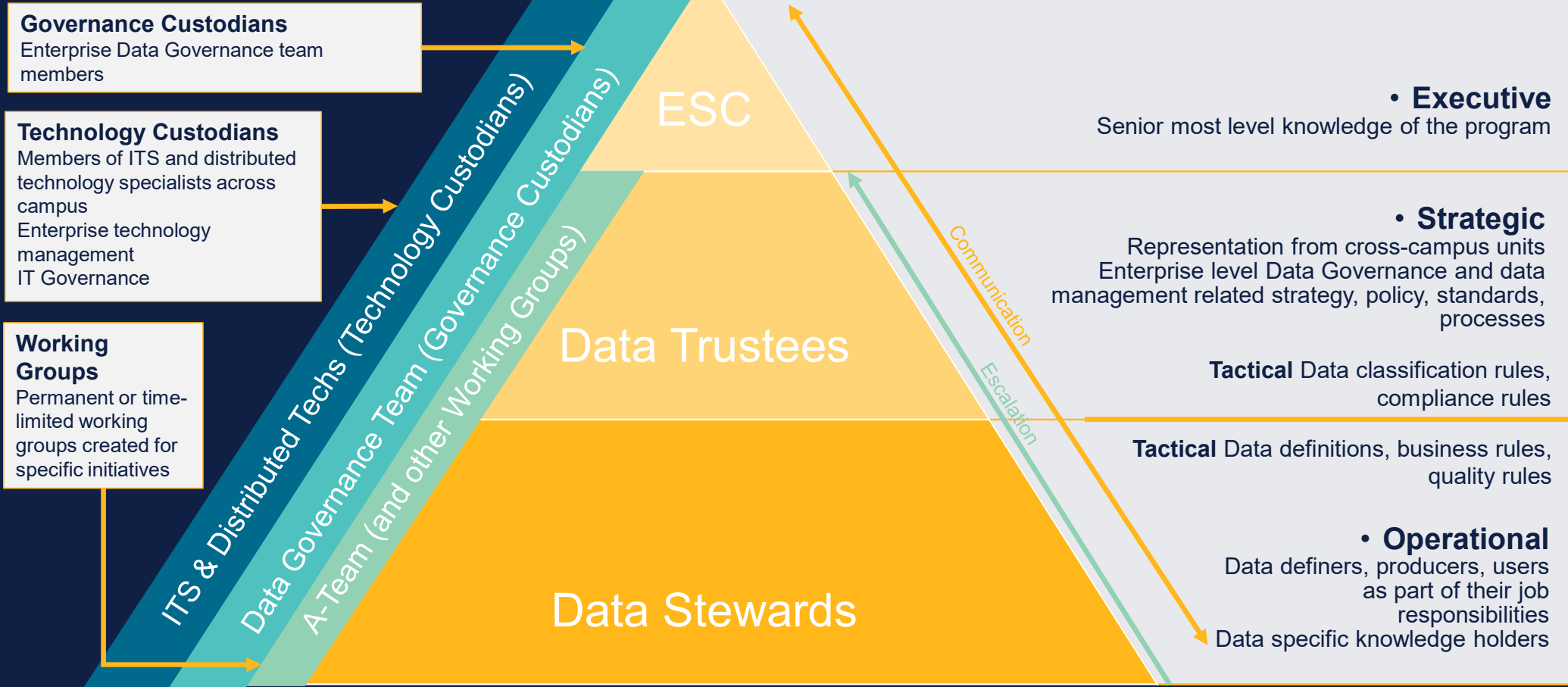
Data Integrity  
Policy

Metadata  
Collection and  
Management  
Standard

Data Integration  
Standard

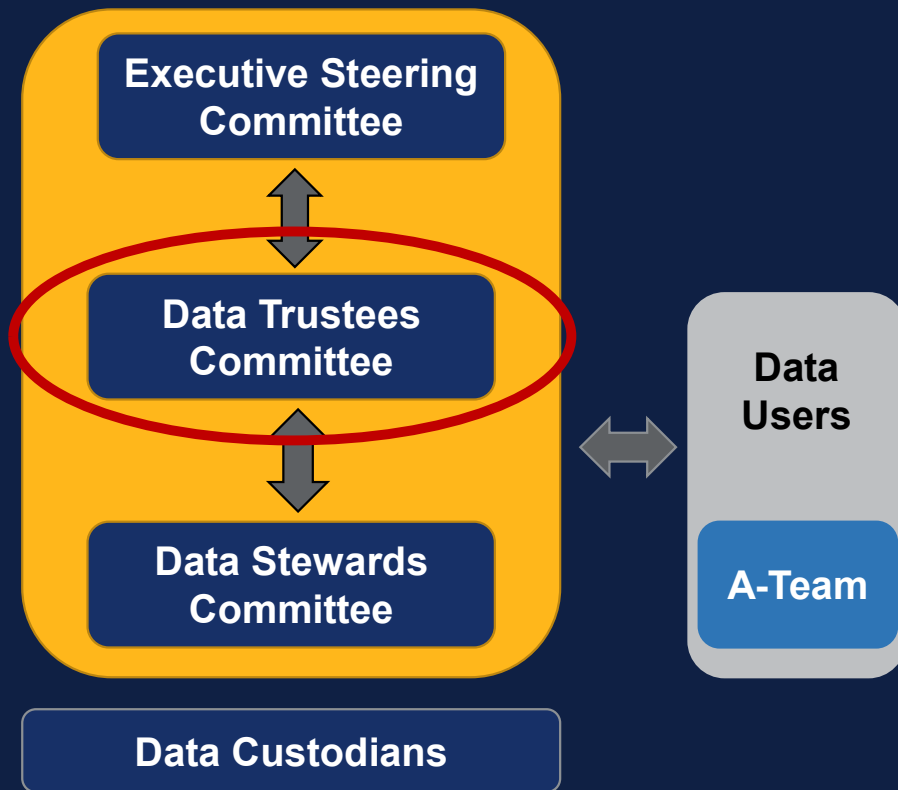
Data  
Governance  
Charter

# Data Governance Framework



You can read more about Seiner's model online here: <https://tdan.com/the-non-invasive-data-governanceo-operating-model/12210>

# Data Trustees Committee



## Responsibilities

- Senior Level officials
- Develop Data Governance Strategy
- Data Governance Policies & Standards
- Promote Resource Management
- Strategic Key Performance Indicators
- Oversee Data Access
- Oversee Data Classification Levels, Storage & Handling

## Decision Areas Include

- Review & Support Decisions of Data Stewards
- Establish Policies & Standards
- Align Data Strategy with University Strategic Plan
- KPI Development & Reporting
- Data Access Request Approval
- Data Classification Levels, Storage, & Handling Approvals

# Data Strategy

- Timely and accurate information
- Strengthen governance and accountability
- Ensure compliance to regulation and policy
- Support a culture of informed decision making



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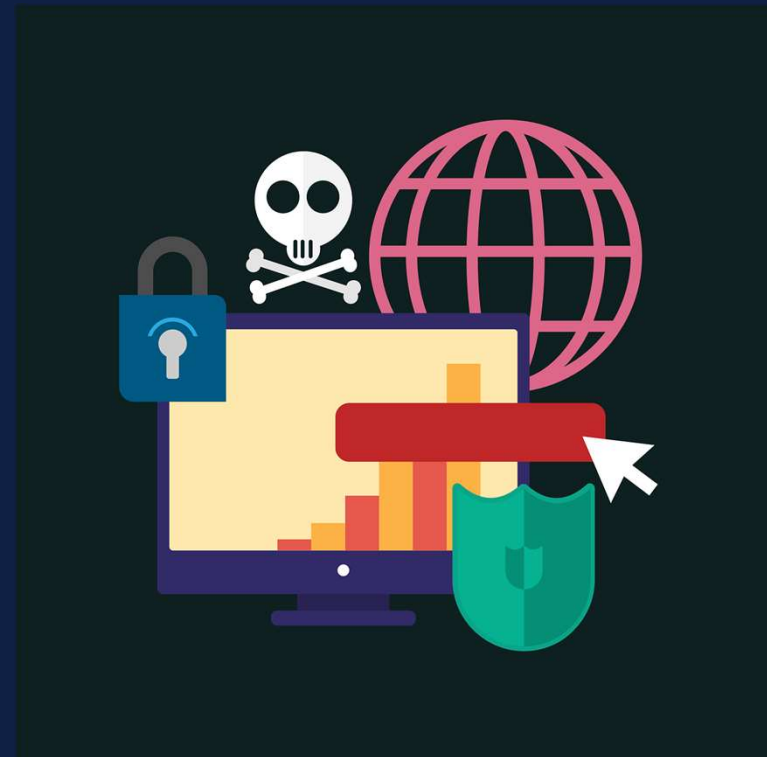
# Improving Data Access & Security



- Confidentiality
  - Prevent unauthorized disclosure
- Integrity
  - Prevent undetectable modification
- Availability
  - Ensure information availability

# Access & Authorization

- Two-Factor Authorization
- Information Security Management Standard
- Security Classes
- Access Management Software
- Secure Desktop
- Security Awareness Training



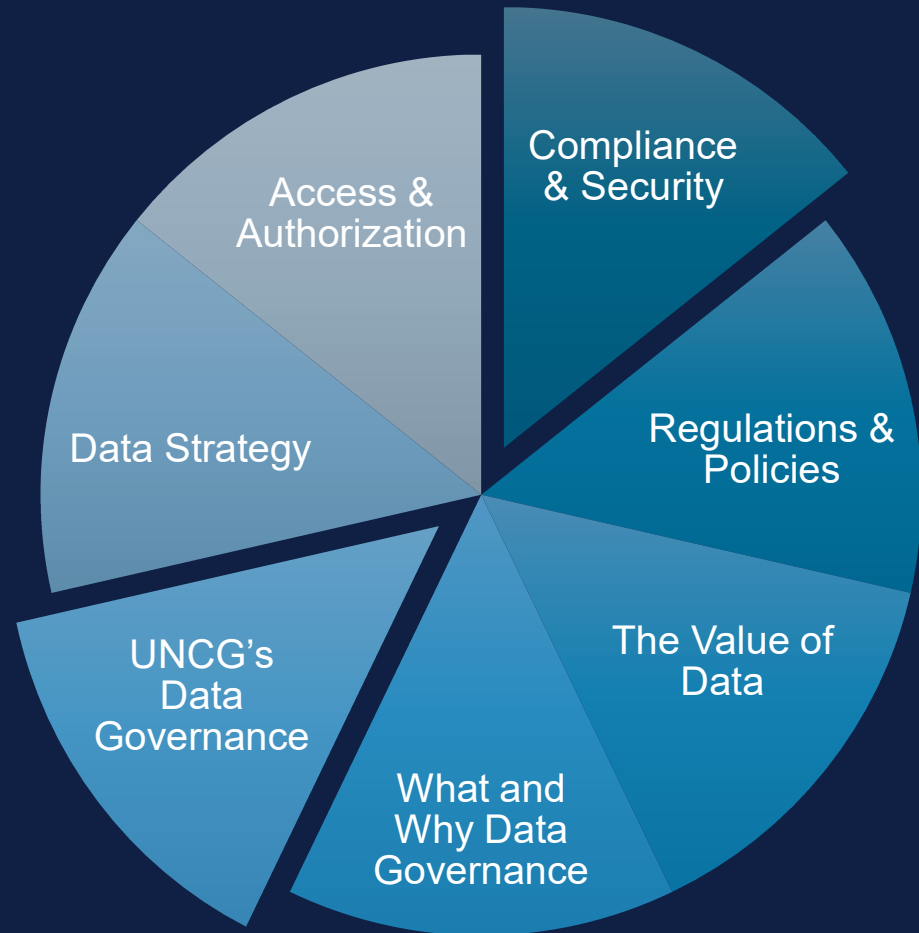
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# Review





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Questions?

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