

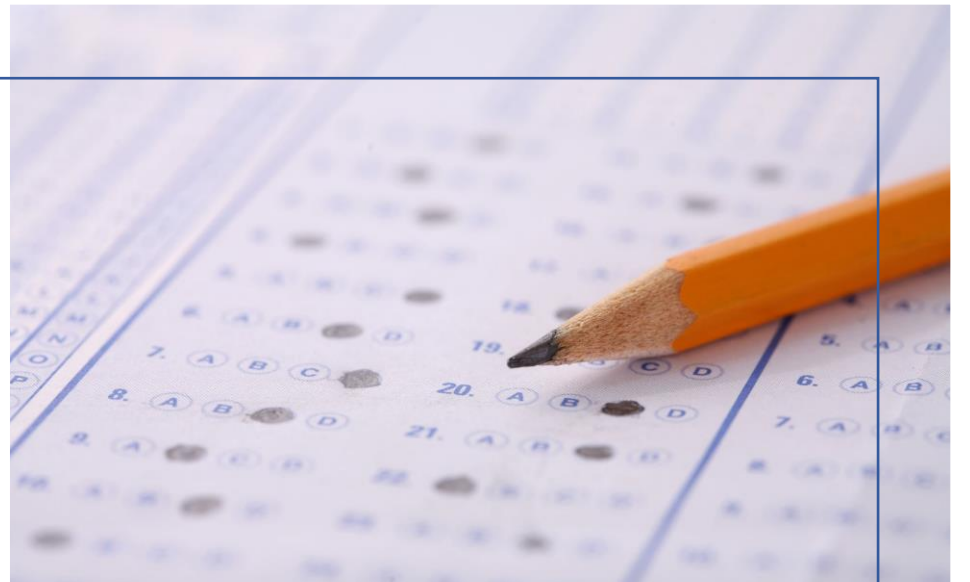
Data Governance Overview for CTAB

July 12, 2022

Why Do We Need Data Governance?



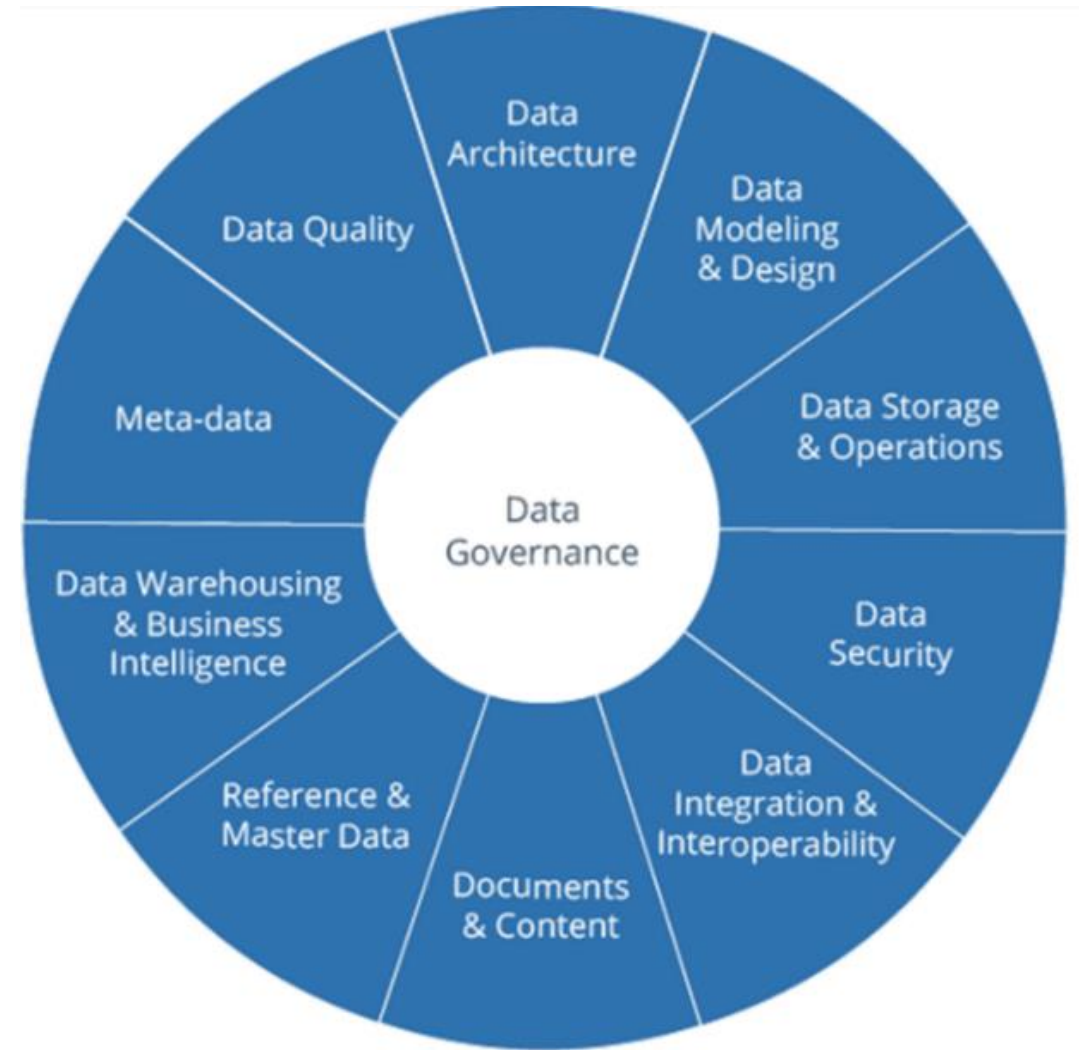
Birthdates



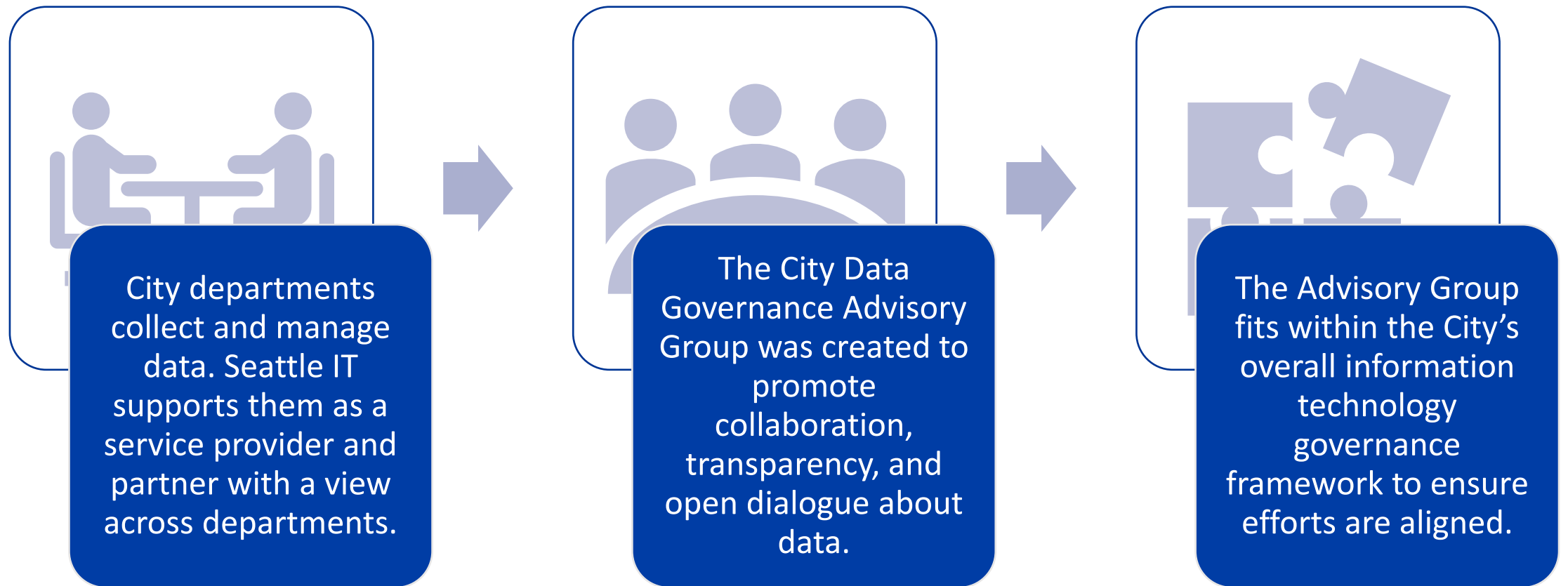
Surveys

What is Data Governance?

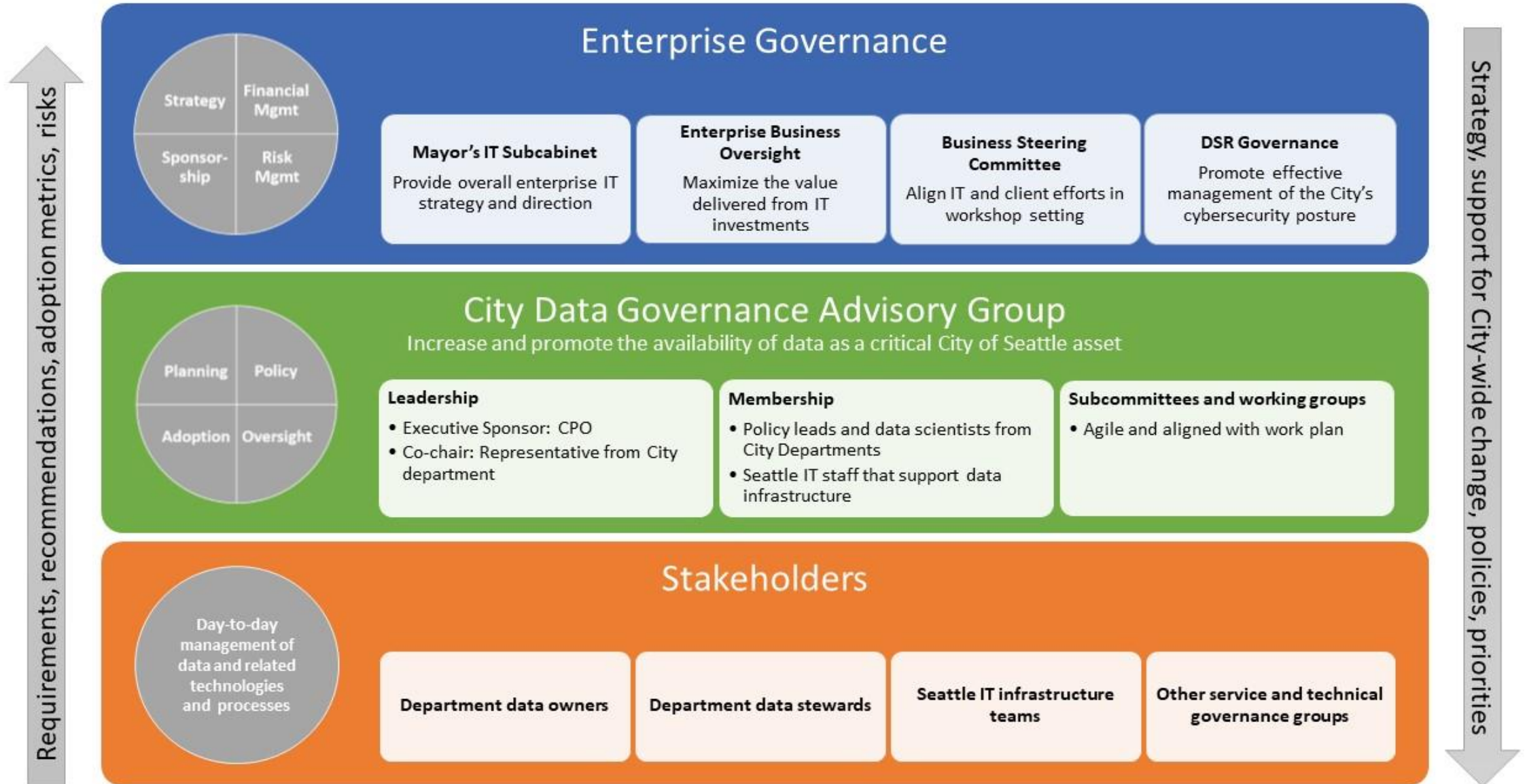
Data Governance is a system of rules, policies, roles, responsibilities, and tools put in place to ensure our data is accurate, consistent, complete, available, and secure. It focuses on planning, oversight, and control of the management and use of data (the hub at the center)



Who is Working on Data Governance?



City Data Governance Advisory Group



Advisory Group Priorities



Understand what we have (data assessment)



Organize what we have (data catalog)



Enable/promote sharing (data sharing agreements)



Implement the foundations of governance (data guidelines & standards)

2021 Initiatives and Supporting Efforts

Data Assessment

Develop an inventory of City data assets to inform the Advisory Group work plan and possible future projects

Data Sharing Agreements

Develop and publish guidance and standard agreement templates so they are readily available to City departments

Guidelines & Standards

Develop and publish guidelines & standards that increase and promote the availability of data

Tools

Evaluate and provide feedback on proposed tools and plans to inform Seattle IT decisions and advance City data capabilities

Outreach & Engagement

Align with other governance and operational teams to drive adoption and achieve mutual objectives

April 2021 Maturity Assessment

Blue	Ad hoc
Orange	Repeatable
Green	Defined
Red	Managed
Purple	Optimizing

Framework	Organization and Roles	Processes	Technology
<ul style="list-style-type: none"> ● There is no governance frame... 3 ● Individual initiatives begin to ... 7 ● There is a governance framew... 0 ● Previously fragmented, domai... 0 ● Enterprise-wide governance is... 0 	<ul style="list-style-type: none"> ● Overall data literacy is low. Da... 3 ● Data quality culture is improvi... 6 ● Data stewards exists in a virtu... 1 ● Data stewards are part of a m... 0 ● Data roles are institutionalized... 0 	<ul style="list-style-type: none"> ● The life cycle for master data (... 4 ● The life cycle for master data i... 6 ● A multidisciplinary team has a... 0 ● Current and future-state syner... 0 ● The master data life cycle is g... 0 	<ul style="list-style-type: none"> ● There are few data quality tool... 2 ● Departments may have imple... 8 ● The organization has invested ... 0 ● The MDM program team defi... 0 ● There is an integrated and con... 0

Maturity Assessment Takeaways

- Program maturity is between Level 1 (ad hoc) and Level 2 (repeatable).
 - We are taking first steps towards developing a data culture.
- Recommended actions at this state (from Gartner research):
 - Communicate, educate, build support
 - Link data to business goals and performance
 - Develop narratives that link data governance to business outcomes
 - Engage stakeholders that have the most to gain
 - Identify and prioritize initiatives: “least data for the biggest impact”
 - Deliver value incrementally

Data Governance Program – 2021 Review

Highlights

Strong initial interest and engagement

Sharing and collaboration across departments

Committed, interdepartmental working groups

First steps towards developing a data culture

Challenges



Comprehensive City data strategy



Need refined scope of governance



Advisory Group has no formal authority



Resources necessary to scale

Data Governance Program – Moving Forward

Address strategy and scope

- Identify the compelling “why” for data governance. This could initially be cost or risk avoidance and should evolve into value creation.
- Define/refine governance scope and structure.

Continue work on interdepartmental teams

- Reinvigorate work on guidelines & standards. Author standards to meet specific needs AND seek to adopt a framework/suite of standards.
- Finish work on data sharing agreements.

Build capacity

- Launch an initiative to Increase data literacy.
- Pursue scalable enterprise data management tools, starting with automated discovery, cataloging, and data quality.
- Align closely with client efforts (SCL, SDOT, SPU) to anticipate needs