BCCAT

Surveying

# Data Governance Models

February 2021



## **Data Governance Models**

The study surveys existing legislation, policy, and practices governing the collection, use, security, and sharing of student data. The research also identifies emerging trends and issues with data governance.

(This infographic is a summary of key findings. The full report is available at bccat.ca/search/publications)

## Defining Data Governance

Data governance is defined as the formal execution and enforcement of authority over the management of data and data-related assets (Seiner, 2014).

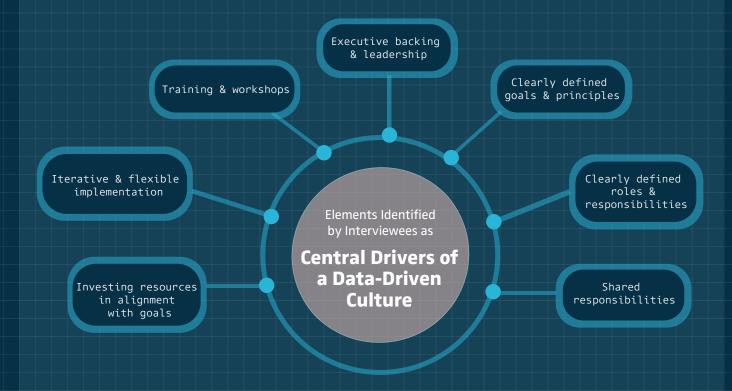


## Roles & Responsibilities

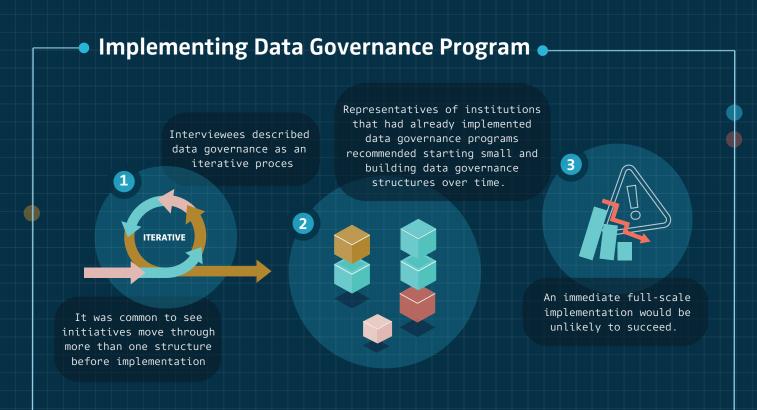
Defining the roles and responsibilities of those working with data within an organization is a central consideration in the creation of data governance programs (Patil, 2015; Seiner, 2014). Commonly, these include data trustees, data stewards, data architects, data custodians, chief data officers, and end-users.

#### **Data-Driven Culture**

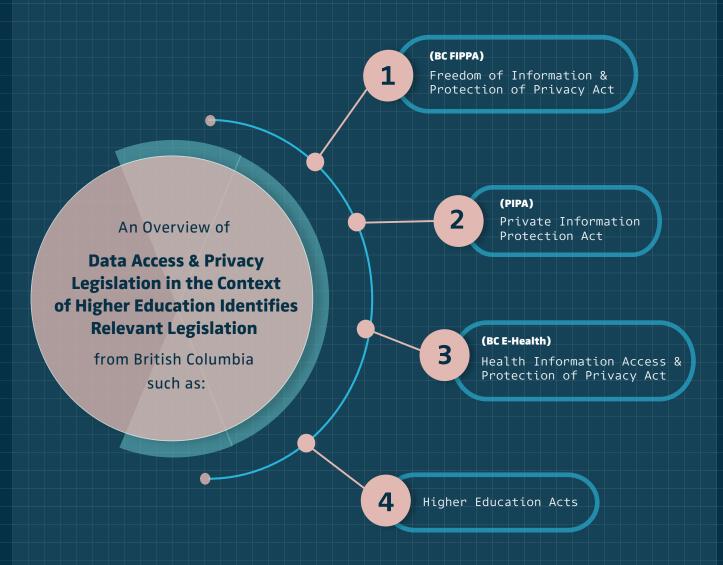
Building a data-driven culture is a requirement for the effective implementation of a data governance program



Interviews conducted in 2019-2020 with data governance representatives a selected organizations in BC and across North America



## - Legislation Applicable to Data Governance -



#### Other legislation that was noted:

- Applicability of Canadian national legislation (PIPEDA)
- Legislation in nine other Canadian provinces/territories & several
   American states
- Europe's General Data Protection Regulation (GDPR)

### **Privacy legislation in British Columbia**

All Public Institutions & Organizations

Private BC-Based Institutions Public Canadian -Based Institutions Operating in British Columbia

Private United States-based institutions

Public health Organizations

Primary BC Privacy Legislation

BC FIPPA

BC PIPA

BC PIPA

BC PIPA

BC E-Health & BC FIPPA

Additional Legislation BC PIPA
for non-core
commercial
activities

BC FIPPA for publicly funded programs & activities

The relevant public-sector legislation for the province of origin

Parent companies comply with the Family Education Right and Privacy Act (1974)

BC PIPA for non-core commercial activities

Some provinces, including British Columbia, are exempt from Personal Information Protections and Electronic Documents Act (2000) (CANADA PIPEDA), but the Act applies to commercial activities that cross provincial lines.

Recommendations for Higher Education Institutions
 & Organizations Developing a Data Governance Program



Begin by considering how resources can be devoted to people, not software tools Leverage existing institutional structures & governance expertise





Consider
intersections
across various
departments
who may interact
with data in
varying ways

BCCAT reports & resources are available at: bccat.ca/search/publications

