

# Case Study Criteria Matrix

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# Overview

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- Cross-cutting themes
- Structure: Challenges (ROWS) and external validity (COLUMNS)
- Project timing: Past, present, proposed

# Case Study Criteria Matrix

	Administration's Priority Areas, including Executive Orders	Evidence-Building Implementation Items, including Evidence Act and Federal Data Strategy	Commission on Evidence-Based Policymaking Recommendations (not included in Evidence Act)
Policy			
Administrative			
Data governance and management			
Stakeholder engagement			
Technical			

# Example: Data Protection Toolkit

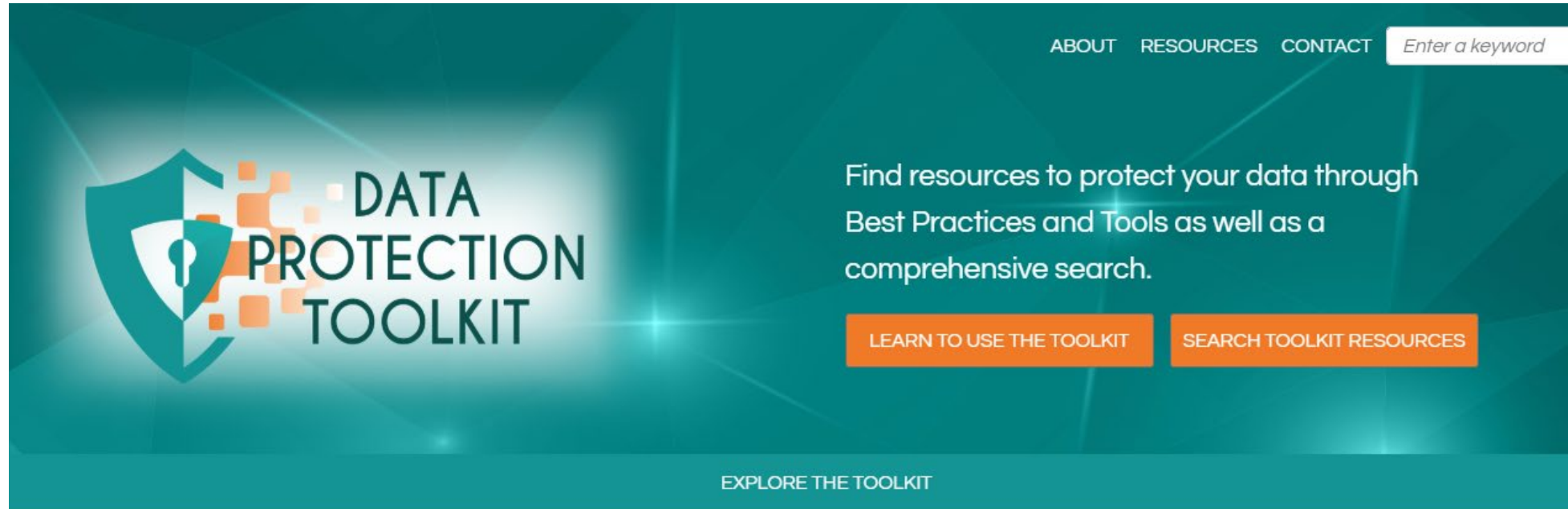
AutoSave Off ACDEB Project Inventory\_071421.xlsx - Excel Search Holdren, Alyssa HA

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A1 ACDEB Project Inventory

Project Name	Description	Organization(s)	Sector(s)	Status	ACDEB Member Involvement	Notes
<a href="#">Data Protection Toolkit</a>	Provides information and resources for Statistical Officials, Chief Data Officers, and statistical agency staff on disclosure risk assessment, disclosure risk mitigation, controlled access to sensitive data, assessing data accuracy, and governance.	Federal Committee on Statistical Methodology (FCSM) Department of Education	Federal government	Present or ongoing		
<a href="#">Data Quality Framework</a>	Provides a common foundation upon which federal agencies can make decisions about the management of data products throughout their lifecycle by	Federal Committee on Statistical Methodology (FCSM)	Federal government	Past or completed	Yes	Barry Johnson provided guidance and encouragement throughout the project

# Background: Data Protection Toolkit



ABOUT RESOURCES CONTACT

## DATA PROTECTION TOOLKIT

Find resources to protect your data through Best Practices and Tools as well as a comprehensive search.

[LEARN TO USE THE TOOLKIT](#) [SEARCH TOOLKIT RESOURCES](#)

[EXPLORE THE TOOLKIT](#)



### PROMOTING DATA ACCESS WHILE PROTECTING CONFIDENTIALITY

Federal agencies, both within and outside the statistical system, collect large amounts of data about individuals, businesses, and other organizations.



### ASSESSING DISCLOSURE RISK

For an agency to properly protect against disclosure of confidential data, whether through the use of statistical disclosure limitation methods or through tiered data access modes, it must first be able to assess



### STATISTICAL DISCLOSURE LIMITATION

The statistical techniques that are used to mitigate the risk of disclosure in data releases are known as Statistical Disclosure Limitation (SDL) methods.

# The Matrix: Data Protection Toolkit

	Administration's Priority Areas, including Executive Orders	Evidence-Building Implementation Items, including Evidence Act and Federal Data Strategy	Commission on Evidence-Based Policymaking Recommendations (not included in Evidence Act)
<b>Policy</b>	Restoring trust in government, equity, COVID-19	FDS Action 15, Evidence Act Titles II and III	
<b>Administrative</b>		FDS Action 15	Rec. 3-1
<b>Data governance and management</b>	Restoring trust in government, equity	Evidence Act Titles II and III	
<b>Stakeholder engagement</b>	Restoring trust in government	Evidence Act Titles II and III	
<b>Technical</b>	Restoring trust in government	Evidence Act Title III	Rec. 4-1

# Next Steps

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- Gather feedback
- Update matrix
- Use it!

# Case Study Criteria Matrix: Definitions

<b>Policy</b>	<p><b>Challenges related to legislation, regulations, and guidance</b></p> <p><i>Key questions:</i> What are the remaining legislative barriers to data access and sharing? How to address them? What additional guidance is needed from OMB?</p>
<b>Administrative</b>	<p><b>Barriers with administrative practices</b></p> <p><i>Key questions:</i> What statistical system practices could be improved to ensure the system works well together? How could standard operating procedures, common data-sharing agreements (MOUs), and common consent forms improve access to and use of data for evidence building?</p>
<b>Data governance and management</b>	<p><b>Challenges with tiered access, metadata existence, data quality, transparency, and accountability</b></p> <p><i>Key questions:</i> Who can be an authorized user? What are the authorized uses? How to provide standardized metadata? What is the appropriate data quality framework for outputs/inputs?</p>
<b>Stakeholder engagement</b>	<p><b>Difficulties with internal and external stakeholder needs, statistical system coordination, and capacity building</b></p> <p><i>Key questions:</i> How to address the needs of government at all levels—both to facilitate the transfer of quality data into NSDS and ensure the system supports evidence-based policymaking, evaluation, and monitoring? How to address privacy concerns of stakeholders and communicate protections appropriately?</p>
<b>Technical</b>	<p><b>Issues with IT systems, production, R&amp;D, and methodological capacity</b></p> <p><i>Key questions:</i> What are the relevant technologies and methods of data acquisition, linkage, and access? How to get data into NSDS and results out? How to protect the data? How to build capacity for innovation?</p>



# Case Study Criteria Matrix: Definitions

<b>Administration’s Priority Areas, including Executive Orders</b>	<b>Evidence-Building Implementation Items, including Evidence Act and Federal Data Strategy</b>	<b>Commission on Evidence-Based Policymaking Recommendations (not included in Evidence Act)</b>
The Administration’s priority areas that support the main objectives of the current Administration, including those outlined in Executive Orders and memoranda on topics like restoring trust in government, equity, COVID-19, economic recovery, and climate change	Evidence-building items that further the execution of the Evidence Act and the Federal Data Strategy	Affirmation, expansion, and recasting of the Commission’s recommendations, as appropriate, to meet the needs of the current evidence-building ecosystem