# Starter Guide to Sharing Data

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

How will data be managed once it has been obtained

**Safe Data** - *What data can you use for this analysis? How do I prperly document data use?*

- Understanding the Data Generation Process
- DUAs

**Safe Projects** - *What scope can data be used for?*

- Data ethics and privacy

Scopes must be consistent with DUAs!

**Safe People** - *From your org? Contractors? Research Partners?*

- Aligning needs and skills
- Data literacy
- How to write a RFI/RFP

**Safe Settings** - *How will people be allowed to use the data?*

Examples:

- Collaborators have to come in person
- Allowing researchers remote access

Researcher area must be walled off from production area!

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

## Data

**Data Documentation**

- Metadata

**Standards and Practices**

## Outputs

Sharing results more broadly

**Useful and User-Friendly Products**

- UI/UX Development and testing
- Open Data

**Outreach**

- Communications

This flowchart is intended to walk you through the necessary steps to develop a data use plan with a secure and responsible governance strategy. It is made to be read top-to-bottom, and left-to right.

Click to Continue

MDI
GEORGETOWN UNIVERSITY
MASSIVE DATA INSTITUTE
McCourt School of Public Policy

# Starter Guide to Sharing Data

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

**Safe Projects** - *What can data be used for?*

- Data ethics and privacy

Scopes must be consistent with DUAs!

**Safe People** - *From your org? Contractors? Research Partners?*

- Aligning needs and skills
- Data literacy
- How to write a RFI/RFP

**Safe Settings** - *How will people be allowed to use the data?*

Examples:

- Collaborators have to come in person
- Allowing researchers remote access

Researcher area must be walled off from production area!

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

## Data

**Data Documentation**

- Metadata

**Standards and Practices**

- How to document code
- How to use Github

**Data Management**

- Research data management
- How to archive data

## Outputs

Sharing results more broadly

**Useful and User-Friendly Products**

- UI/UX Development and testing
- Open Data

**Outreach**

- Communications

Each column has a broad topic header (in this case, "Getting Started") with component sub-topics organized in order from top to bottom below.

Click to Continue

MDI GEORGETOWN UNIVERSITY MASSIVE DATA INSTITUTE McCourt School of Public Policy

# Starter Guide to Sharing Data

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

How will data be managed once it has been obtained

**Safe Data** - *What data can you use for this analysis? How do I prperly document data use?*

- Understanding the Data Generation Process
- DUAs

**Safe Projects** - *What scope can data be used for?*

- Data ethics and privacy

Scopes must be consistent with

Exa
- Co
pers
- Allowi
access

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

## Data

**Data Documentation**

- Metadata

**Standards and Practices**

- How to document code
- How to use Github

agement

anagement
ata

## Outputs

Sharing results more broadly

**Useful and User-Friendly Products**

- UI/UX Development and testing
- Open Data

**Outreach**

- Communications

The leftmost column lists the first steps an organization might take to get started with using their data. These are, chronologically, finding research interest, finding the data to analyze that interest, and supporting data sharing to obtain that data.

Click to Continue

MDI GEORGETOWN UNIVERSITY MASSIVE DATA INSTITUTE
McCourt School of Public Policy

# Starter Guide to Sharing Data

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

How will data be managed once it has been obtained

**Safe Data** - *What data can you use for this analysis? How do I prperly document data use?*

- Understanding the Data Generation Process
- DUAs

**Safe Projects** - *What scope can data be used for?*

- Data

Scopes must be

Example

- Collaborators have to come in person
- Allowing researchers remote access

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

## Data

**Data Documentation**

- Metadata

**Standards and Practices**

- How to document code
- How to use Github

agement

management
data

## Outputs

Sharing results more broadly

**Useful and User-Friendly Products**

- UI/UX Development and testing
- Open Data

**Outreach**

- Communications

Within each step, one or more links are included, providing a list of guides and courses with more information on the topic. If supporting data sharing is an area of interest for your organization, here are some resources that may help.

Click to Continue

MDI GEORGETOWN UNIVERSITY MASSIVE DATA INSTITUTE
McCourt School of Public Policy

# Starter Guide to Sharing Data

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

How will data be managed once it has been obtained

**Safe Data** - *What data can you use for this analysis? How do I prperly document data use?*

- Understanding the Data Generation Process
- DUAs

**Safe Projects** - *What scope can data be used for?*

- Data ethics and privacy

Scopes must be consistent with DUAs!

**Safe People** - *From your org? Contractors? Research Partners?*

- Aligning needs and skills
- Data literacy
- How to write a RFI/RFP

**Safe Settings** - *How will people be allowed to use the data?*

Examples:

- Collaborators have to come in person
- Allowing researchers remote access

Researcher area must be walled off from production area!

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

After finishing the nodes under "Getting Started," move on to the next column, "Data Governance," and continue through the remaining columns as needed.

Click to Continue

## Standards and Practices

- How to document code
- How to use Github

## Data Management

- Research data management
- How to archive data

## Outputs

haring results more broadly

ful and User-Friendly Products

J/UX Development and testing
- Open Data

## Outreach

- Communications

MDI GEORGETOWN UNIVERSITY MASSIVE DATA INSTITUTE
McCourt School of Public Policy

# Starter Guide to Sharing Data

For a complete list of included guides and courses, organized by topic, click the header.

Click to Continue

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

How will data be managed once it has been obtained

**Safe Data** - *What data can you use for this analysis? How do I prperly document data use?*

- Understanding the Data Generation Process
- DUAs

**Safe Projects** - *What scope can data be used for?*

- Data ethics and privacy

Scopes must be consistent with DUAs!

**Safe People** - *From your org? Contractors? Research Partners?*

- Aligning needs and skills
- Data literacy
- How to write a RFI/RFP

**Safe Settings** - *How will people be allowed to use the data?*

Examples:

- Collaborators have to come in person
- Allowing researchers remote access

Researcher area must be walled off from production area!

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

## Standards and Practi

- How to document code
- How to use Github

## Data Management

- Research data management
- How to archive data

## Outputs

Sharing results more broadly

## seful and User-Friendly Products

UX Development and sting
pen Data

## Outreach

Communications

MDI GEORGETOWN UNIVERSITY MASSIVE DATA INSTITUTE
McCourt School of Public Policy

# Starter Guide to Sharing Data

## Getting Started

**Find Interest** - *What is your research question?*

- Learning agenda

**Find Data** - *Where is the data that'll help you answer your research question?*

- ADRI Discovery Page
- AISP - Introduction to Data Sharing

**Support Data Sharing** - *to obtain that data*

- System thinking
- Modernizing processes

## Data Governance

How will data be managed once it has been obtained

**Safe Data** - *What data can you use for this analysis? How do I prperly document data use?*

- Understanding the Data Generation Process
- DUAs

**Safe Projects** - *What scope can data be used for?*

- Data ethics and privacy

Scopes must be consistent with DUAs!

**Safe People** - *From your org? Contractors? Research Partners?*

- Aligning needs and skills
- Data literacy
- How to write a RFI/RFP

**Safe Settings** - *How will people be allowed to use the data?*

Examples:

- Collaborators have to come in person
- Allowing researchers remote access

Researcher area must be walled off from production area!

**Safe Outputs** - *Did outputs stay within scope? Do any outputs constitute privacy threats?*

- Disclosure avoidance

## Data

**Data Documentation**

- Metadata

**Standards and Practices**

- How to document code
- How to use Github

**Data Management**

- Research data management
- How to archive data

## Outputs

Sharing results more broadly

**Useful and User-Friendly Products**

- UI/UX Development and testing
- Open Data

**Outreach**

- Communications

MDI
GEORGETOWN UNIVERSITY
MASSIVE DATA INSTITUTE
McCourt School of Public Policy