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LA Tech4Good

# Data Ethics and Privacy for Nonprofits

**Visit us RoundTable Technology at**
**NonprofitIT.com**
or call
**(866) 784-3543**

**Visit us LA Tech4Good at**
**LATech4Good.org**

**Kim Snyder**
VP of Data Strategy
RoundTable Technology

# RoundTable TECHNOLOGY

RoundTable Technology offers premier managed IT services to nonprofits and mission-driven SMBs

## Our Services

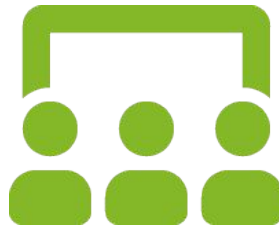**Managed IT**   **Cybersecurity**   **Virtual CIO**   **Project Delivery**   **Co-Managed IT**

## Stay Connected

**@RoundTableIT**   **RoundTable Technology**   **@roundtabletechnology**
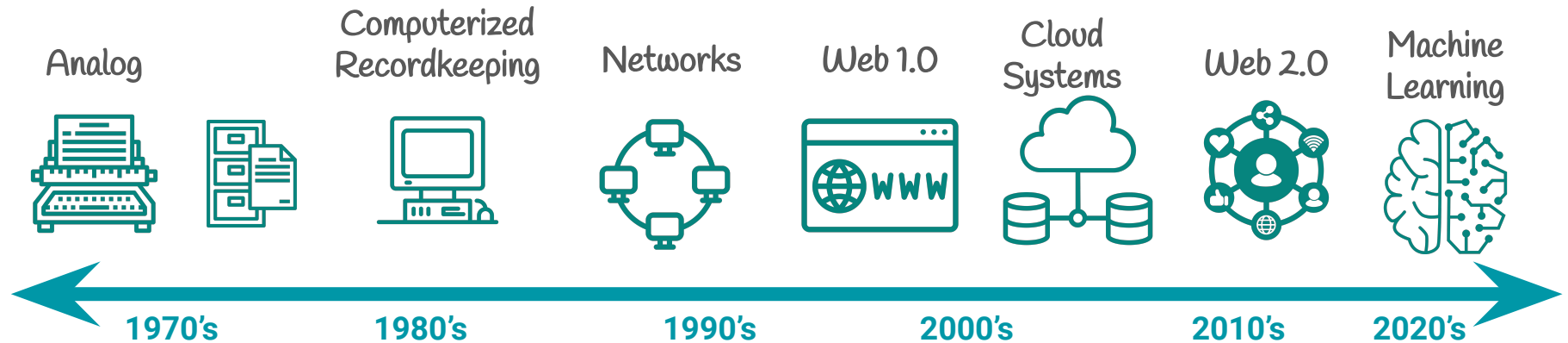
# Today's Goals

- Raise awareness about Data Ethics and Privacy
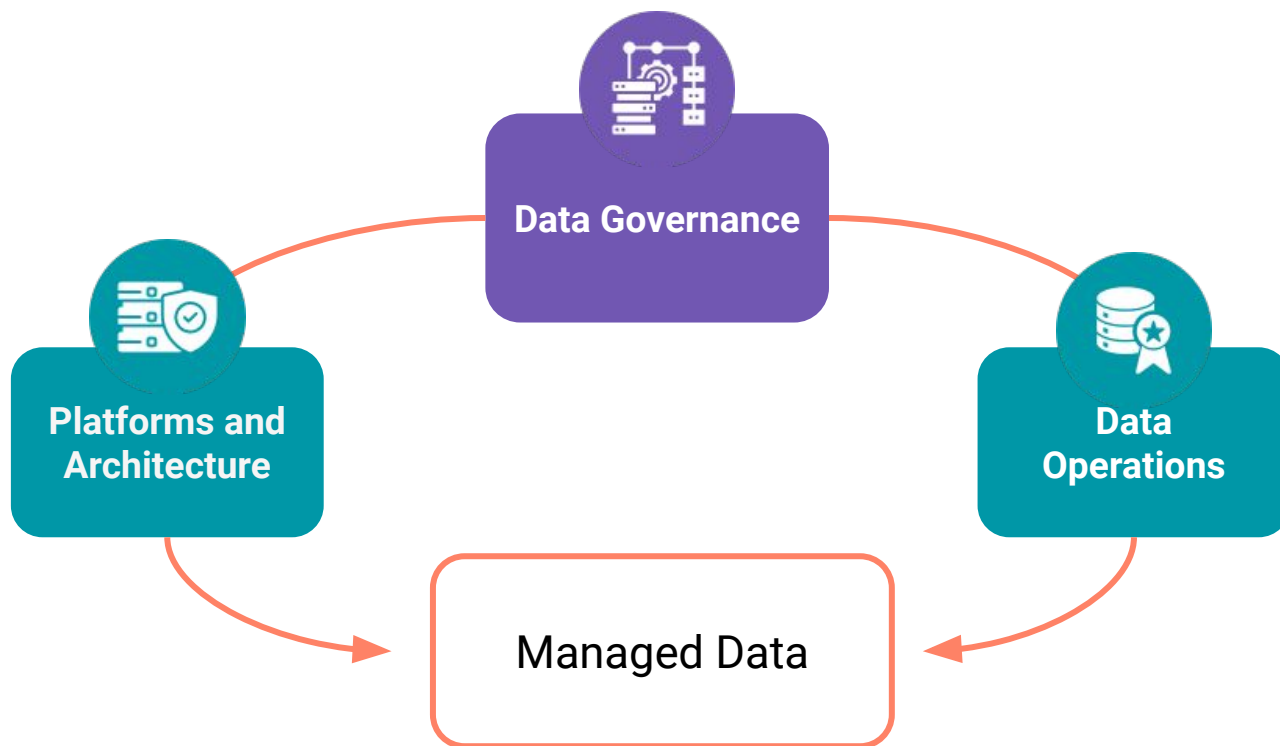- Share foundational ideas and resources for further learning

# Data Responsibility

# The evolving "Information Age"

Analog

Computerized Recordkeeping

Networks

Web 1.0

Cloud Systems

Web 2.0

Machine Learning

1970's    1980's    1990's    2000's    2010's    2020's

….has brought increases in responsibility.

# Responsible data requires management



Data Governance

Platforms and Architecture

Data Operations
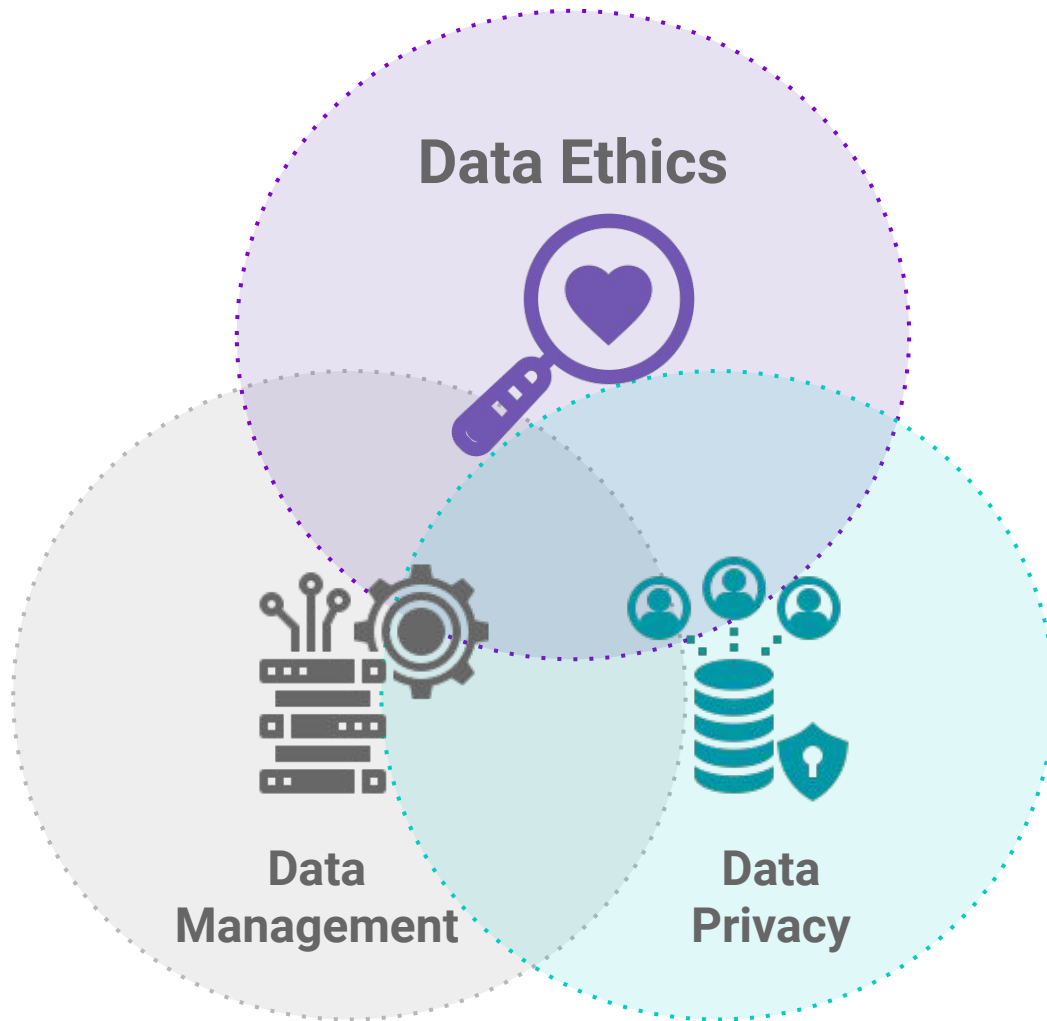
Managed Data

# Data Responsibility

**Data Management**

# Data Responsibility
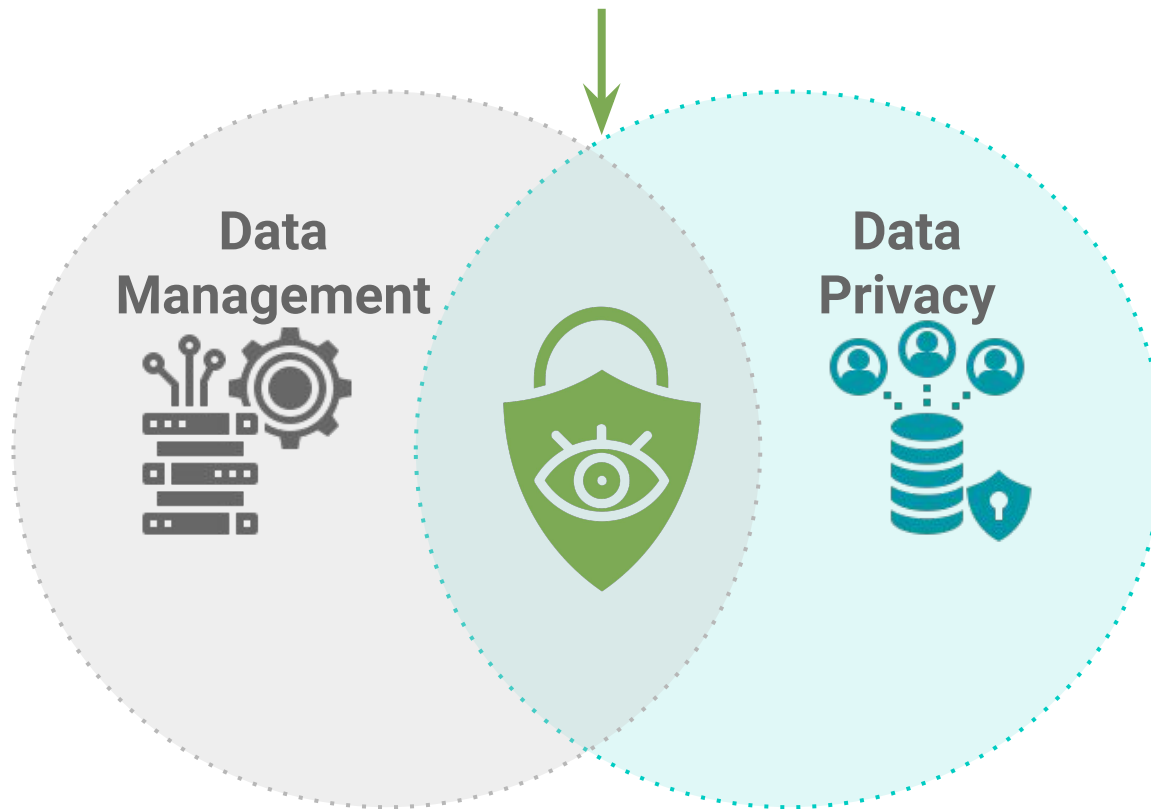
# Data Responsibility

# Data Ethics Fundamentals

# What is data equity?

"Equity is both a process and an outcome."
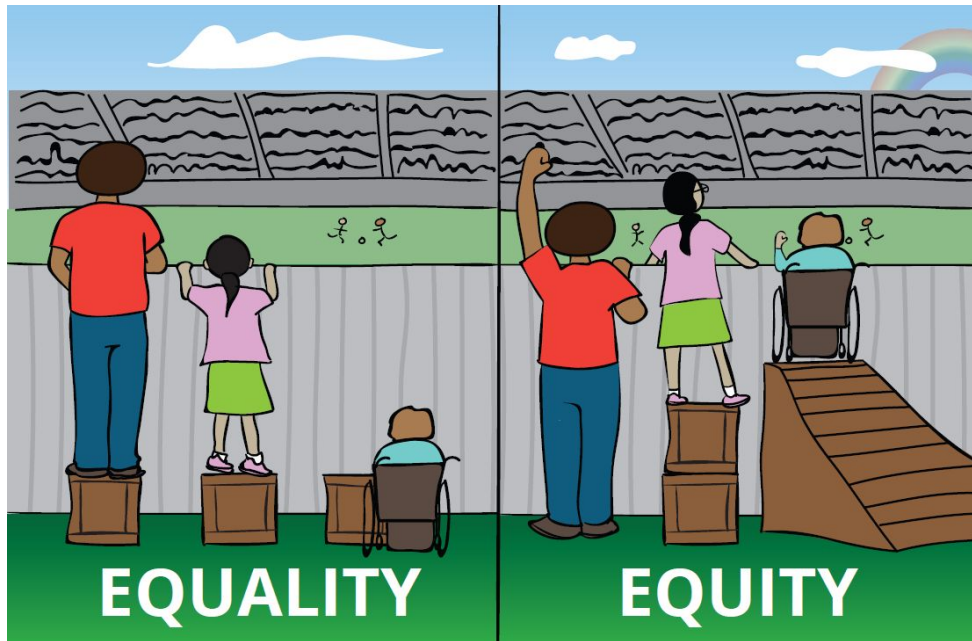
- Data Feminism



*Image from equitytools.org*

# What is data ethics?

"We often focus too narrowly on whether we have complied with ethical guidelines, and we forget that ethical issues concerning technology don't just go away once we have diligently performed our own particular tasks. It is essential to think about what happens to ... data after it leaves our hands."

*- Shannon Vallor + Brian Green,*

*Markkula Center for Applied Ethics*

# What could this look like for nonprofits?

Documentation is a powerful tool for ethics and equity.

*Image from d4bl.org*



**DATASET USAGE AND BEST PRACTICES:**

*AVOID WEAPONIZING COVID-19 DATA —*

COVID-19 data should not be used to determine risk. It should not be used to surveil, criminalize, cage, and/or deny critical benefits.

COVID-19 data should not be used to inform any of the following automated decision making systems, for example:

- Predictive policing and enforcement of social distancing orders (i.e., COVID-19 hot spots should not be assigned greater police presence and prioritized enforcement of social distancing measures)
- Public safety assessments to determine whether a person can be released from jail or prison

*INTENDED PURPOSE OF DATA —*

COVID-19 Data should inform the implementation of the following immediate actions:

- Release of individuals in jails, prisons, and ICE detention facilities
- Transparent, accountable, and community-informed protocols on automated decision systems used for contact tracing and other public health concerns

# Privacy isn't new...
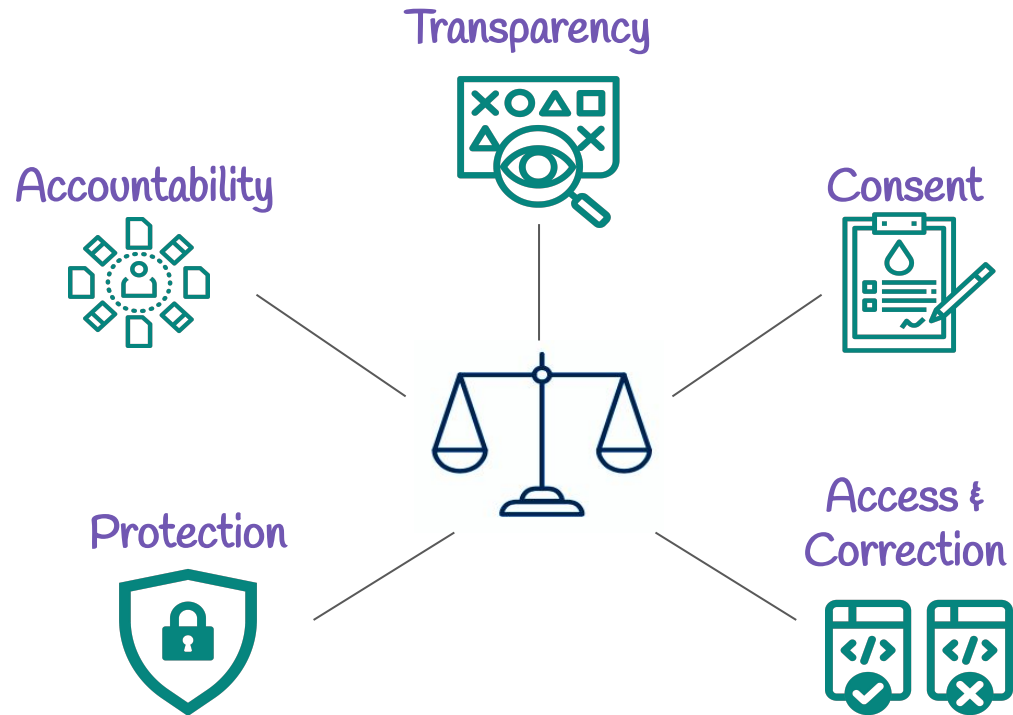
Privacy Act of 1974
Code of Fair Information
Practice

Transparency

Accountability

Consent

Protection

Access &
Correction

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# US privacy has been sector-based…



## …until recently



Source: US State Privacy Legislation Tracker  | IAPP

# What information is "private"?



**Personal Identifying Information Examples**

| Personal Identifying Information (PII) | | Sensitive Information | GDPR Special Category | |
|---|---|---|---|---|
| Name | IP Address | Social Security | Race or Ethnicity | Health |
| Address | Device Identifiers | Passport | Religious/Philo. Belief | Sexuality |
| Phone Number | Geolocation | Health Records | Political Opinion | |
| Email | Gender | Financial Records | Trade Union Membership | |
| Birthdate | Password | Drivers License | Biometric | |
| Citizenship | Password Hint | Credit Card | Genetic | |

# GDPR and US-based Organizations

# GDPR: Privacy as an Individual Right
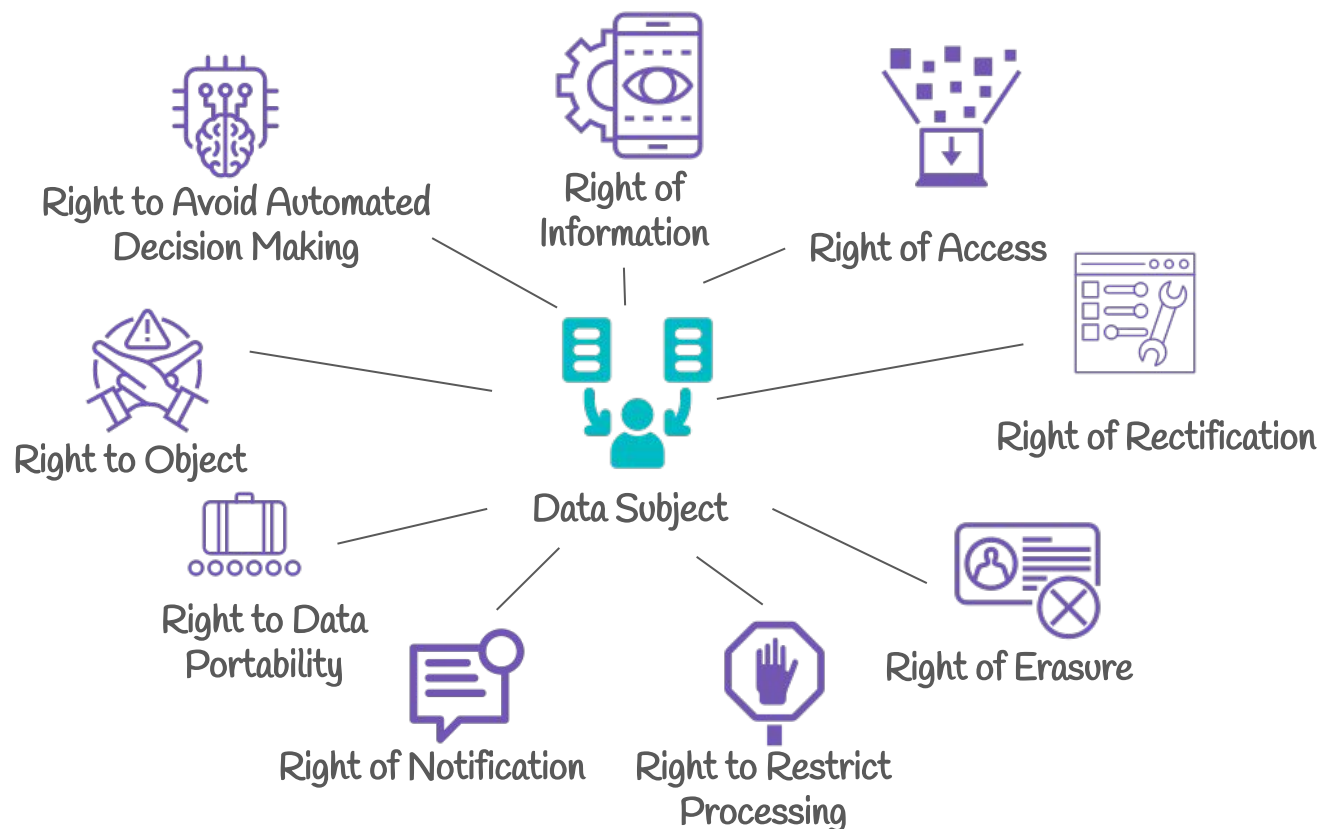
Right to Avoid Automated Decision Making

Right of Information

Right of Access

Right to Object

Right of Rectification

Data Subject

Right to Data Portability

Right of Erasure

Right of Notification

Right to Restrict Processing

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# Frameworks for Implementing Ethics
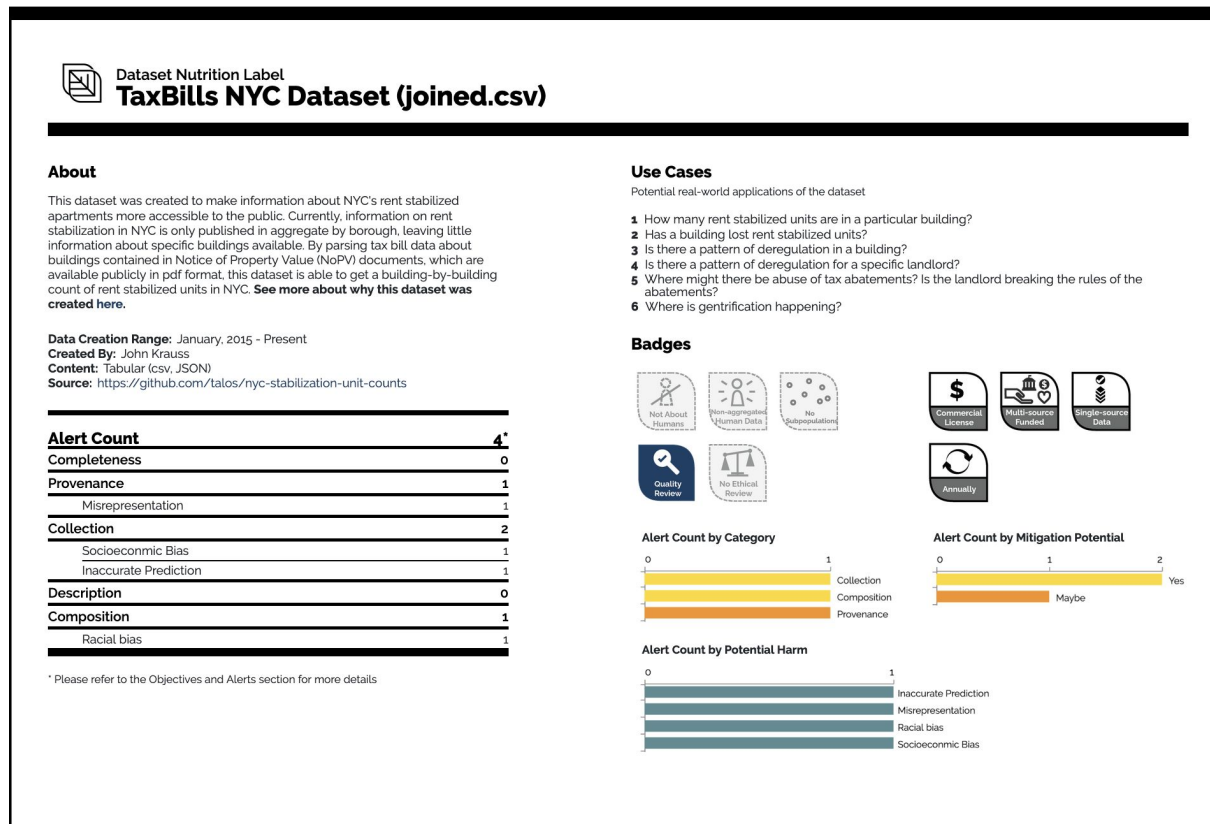


*Image from datanutrition.org*

# Frameworks for Implementing Ethics

- Datasheets for Datasets
- Data Ethics Canvas



*Image from theodi.org*

# Privacy compliance and ethical practices necessitate management



**Data Governance**

**Platforms and Architecture**

**Data Operations**

✔ Systems
✔ Security
✔ Maintenance

Managed Data

✔ Stewardship
✔ Documentation
✔ Policies
✔ Training

✔ Protected
✔ Insightful
✔ Responsible

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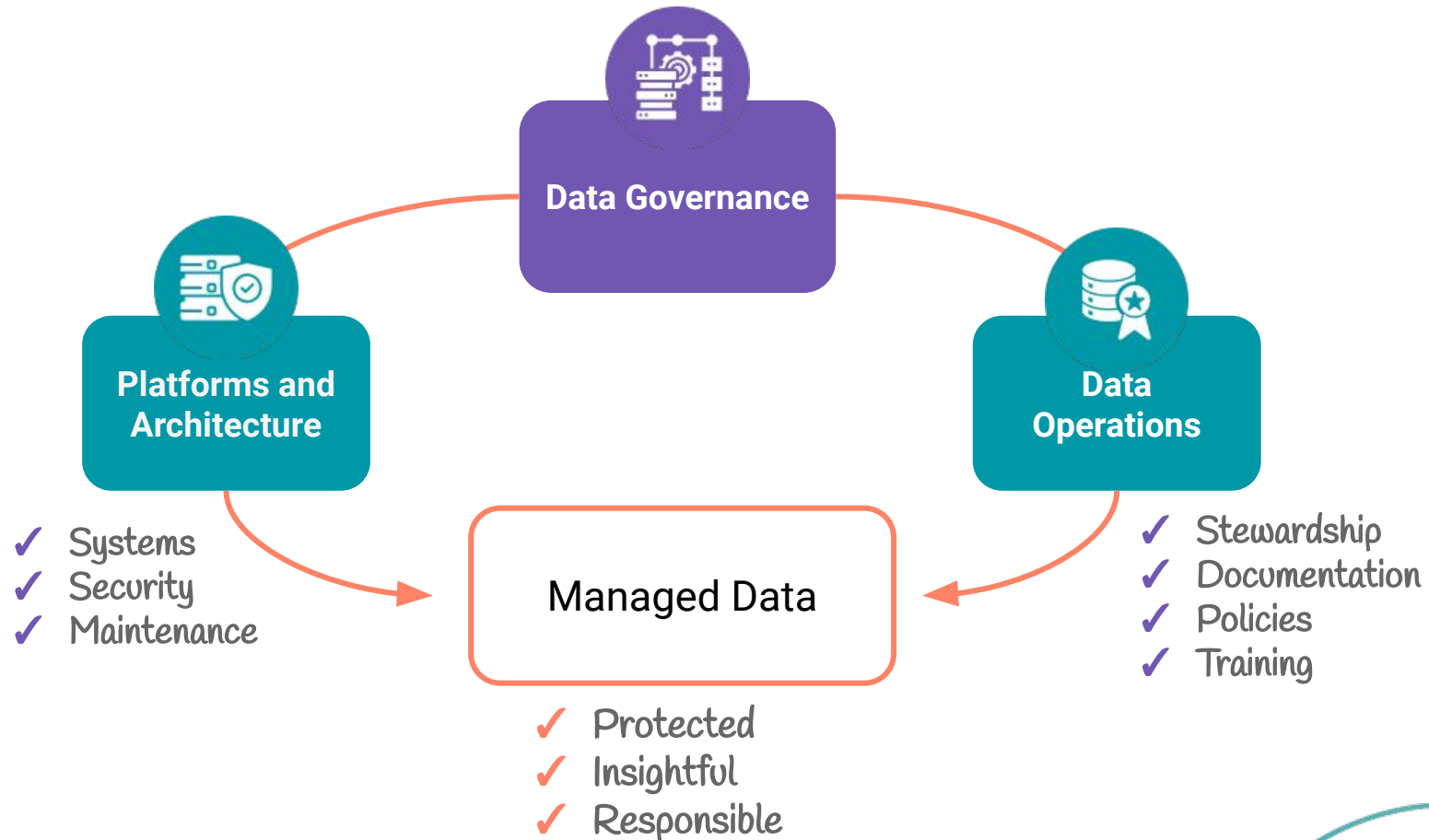
# Management across the lifecycle

Collection

Storage & Access

Sharing & Transfer

Retention & Deletion
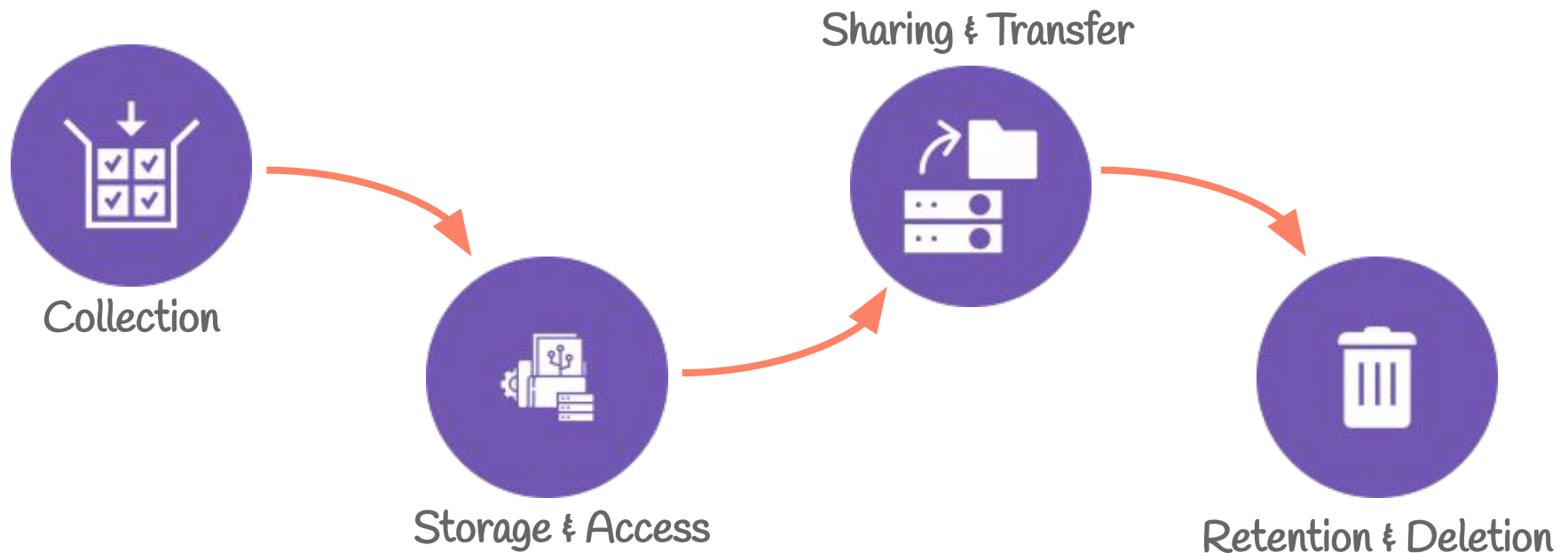
# Applying a privacy and ethics mindset...

Collection

## What are our data sources?

# Applying a privacy and ethics mindset…

Storage and Access

## Who has access to the information?

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# Applying a privacy and ethics mindset…

## Retention

### Do we keep information only as long as we need it?

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# Culture of Responsible Data

- Prioritizing more responsible practices
- Asking the hard questions

# What Next?

Go to [roundtabletechnology.com/data-privacy](roundtabletechnology.com/data-privacy) to sign up for a Free 30 Minute Data Consultation

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Join one of LA Tech4Good's upcoming workshops:
[latech4good.org/dataworkshop](latech4good.org/dataworkshop)

## Free Stuff

- Data Health Check-Up
- Personal Identifying Information Examples
- Individual Rights to Privacy
- Presentation Slides

Check your email and add [outreach@roundtabletechnology.com](outreach@roundtabletechnology.com) to your trusted sender lists

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# Appendix

# Privacy and Ethics Questions

## Collection

Do we need everything we collect?

What sensitive information do we collect?

What are our data sources?

Do we ask for consent?

Are collection points secure?

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# Privacy and Ethics Questions

## Storage and Access

Where do we store information?
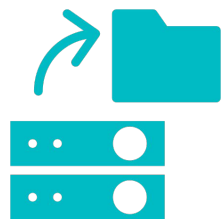
How secure is storage?

Who has access to the information?

Do we have handling policies?

How do we teach our colleagues?

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# Privacy and Ethics Questions

## Transfer and Sharing

Do we share information? With whom?

How do we share information?

Do individuals know their information is shared?

# Privacy and Ethics Questions

## Retention

Do we keep information only as long as we need it?

How do we archive or remove information?

Do we remove information securely?

# Personal Identifying Information Examples

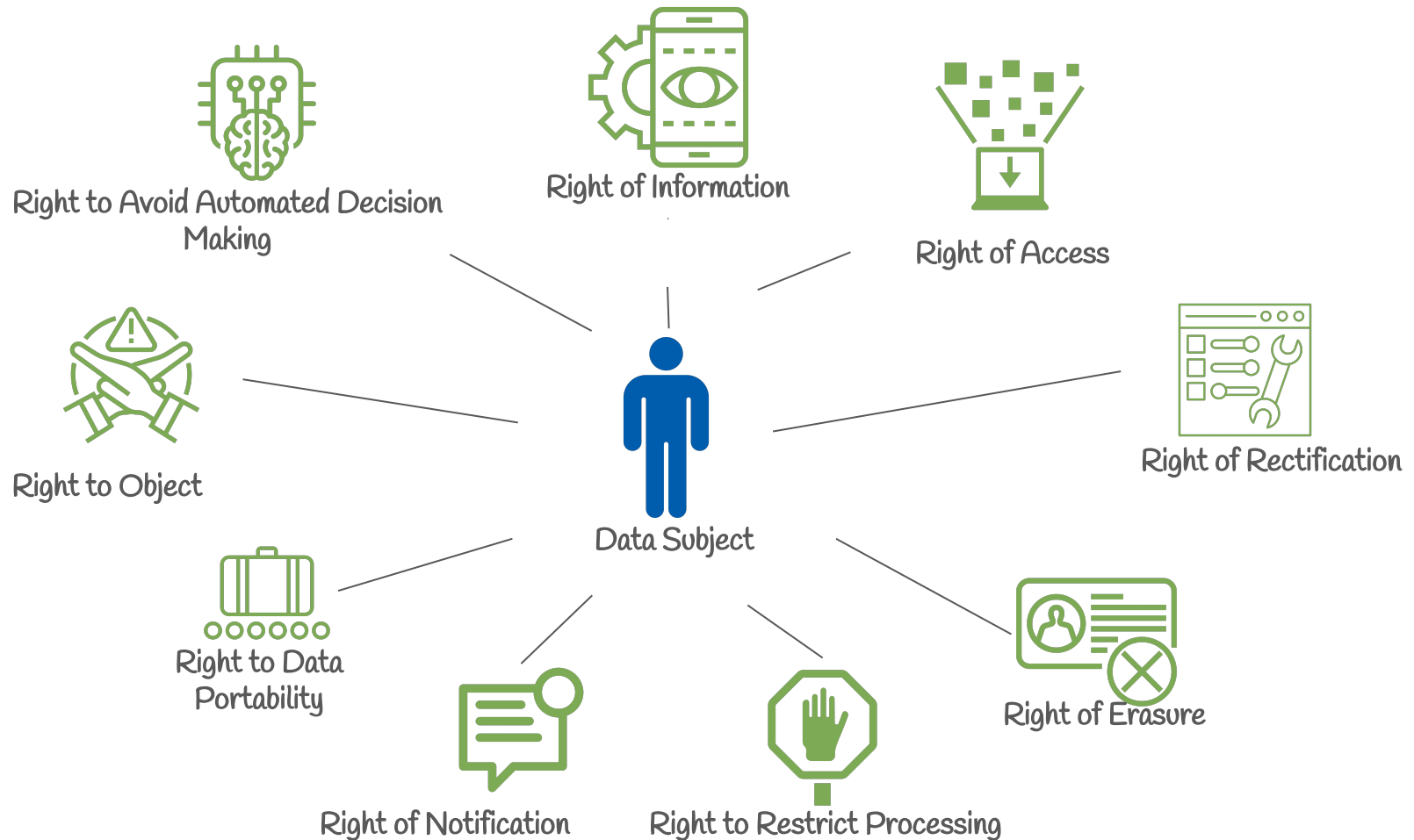| Personal Identifying Information (PII) | | Sensitive Information | GDPR Special Category | |
| --- | --- | --- | --- | --- |
| Name | IP Address | Social Security | Race or Ethnicity | Health |
| Address | Device Identifiers | Passport | Religious/Philo. Belief | Sexuality |
| Phone Number | Geolocation | Health Records | Political Opinion | |
| Email | Gender | Financial Records | Trade Union Membership | |
| Birthdate | Password | Drivers License | Biometric | |
| Citizenship | Password Hint | Credit Card | Genetic | |

*These are common samples of protected information - specific data elements that are protected will vary depending upon the regulation.*

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# Individual Rights to Privacy



Right to Avoid Automated Decision Making

Right of Information

Right of Access

Right to Object

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