Practitioner Guidance for Human Rights-Based Al Governance





Responsible AI Practitioner Guides

- 1 Fundamentals of a Human Rights-Based Approach to Generative Al
- 2 A Human Rights-Based Approach to Governance and Management
- 3 A Human Rights-Based Approach to Impact Assessment
- A Human Rights-Based Approach to Risk Mitigation
- 5 Conducting Stakeholder Engagement
- 6 A Human Rights-Based Approach to Policies and Enforcement
- 7 Aligning Transparency and Disclosure Practices with Human Rights Responsibilities
- 8 Remedy for Generative Al-Related Harms



BSR Speakers



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Agenda

- 1. Review of key points from each practitioner guide
- 2. Key Takeaways
- 3. Q&A



Guide 1: Fundamentals of a Human RightsBased Approach to Al



A human rights-based approach means embedding respect for human rights into the development and deployment of Al



Why a human rights-based approach?

1

International standards for governments and companies

- International human rights instruments
- The UN Guiding Principles on Business and Human Rights
- The OECD Guidelines for Multinational Enterprises on Responsible Business conduct

2

Established framework and methodology

 The UNGPs provide an approach to identifying, assessing, prioritizing, and addressing risks to people



Human rights integration into Al regulation

- EU Digital Service Act
- EU Al Act
- Corporate Sustainability Due Diligence Directive
- Corporate Sustainability Reporting Directive



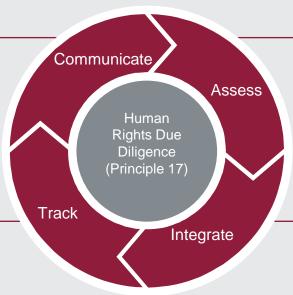
The UNGPs require companies to conduct human rights due diligence

Communications (Principle 21)

"In order to account for how they address their human rights impacts, business enterprises should be prepared to communicate this externally"

Tracking (Principle 20)

"In order to verify whether adverse human rights impacts are being addressed, business enterprises should **track the effectiveness of their response**"



Assessing Impacts (Principle 18)

"In order to gauge human rights risks, business enterprises should **identify and assess any actual or potential adverse human rights impacts**"

Integration and Action (Principle 19)

"In order to prevent and mitigate adverse human rights impacts, business enterprises should integrate the findings from their impact assessments across relevant internal functions and processes, and take appropriate action"



How is a human rights-based approach different from others?

Ethics

- Framework for decisionmaking in situations where right and wrong, good and bad, are not clearly defined
- Different "schools of thought" and standards that support different approaches and choices
- Different traditions, cultures, countries, and religions may choose different outcomes

Human Rights

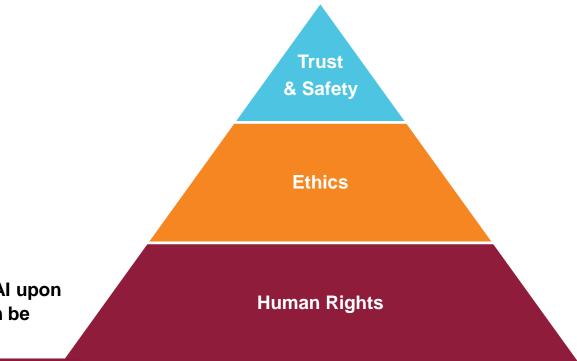
- Internationally defined framework for government and company responsibilities
- List of rights that should always be protected / respected regardless of context or culture
- Focus on the experiences of the most vulnerable
- Establish a floor rather than a ceiling—e.g., respect for human rights is a minimum requirement

Trust & Safety

- Function within companies to operationalize ethics / human rights / safety efforts
- Focused on practically ensuring genAl tools are "safe"
- Brings approaches and lessons learned from online platform content governance
- Anchored on pre-established risk taxonomies



How does it all fit together?



Human rights should be the <u>foundation</u> for responsible Al upon which other approaches can be integrated.



Guide 2: A Human Rights-Based Approach Governance and Management

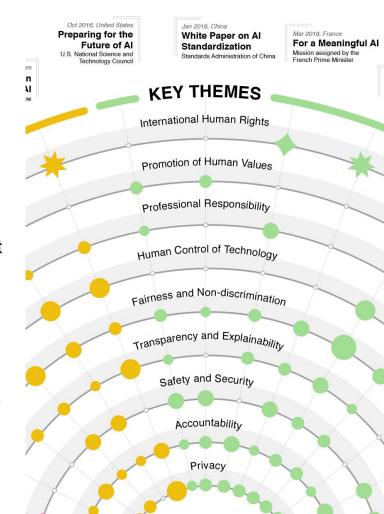


What are Al principles?

 A set of values that guide an organization's Al development / deployment

Why are they important?

- Al principles provide a foundation for embedding responsible Al across an organization (e.g. provide remit to responsible Al teams)
- Including human rights in AI principles provides a foundation for a human rights-based approach to responsible AI
- Including human rights provides clarity and consistency to nebulous principles







Example Al principles that include human rights

| Google | Al Principles |
|--------|---------------|
| | |

2 Responsible development and deployment

Because we understand that AI, as a still-emerging transformative technology, poses evolving complexities and risks, we pursue AI responsibly throughout the AI development and deployment lifecycle, from design to testing to deployment to iteration, learning as AI advances and uses evolve. This means:

 Implementing appropriate human oversight, due diligence, and feedback mechanisms to align with user goals, social responsibility, and widely accepted principles of international law and human rights.



Example Al principles that include human rights

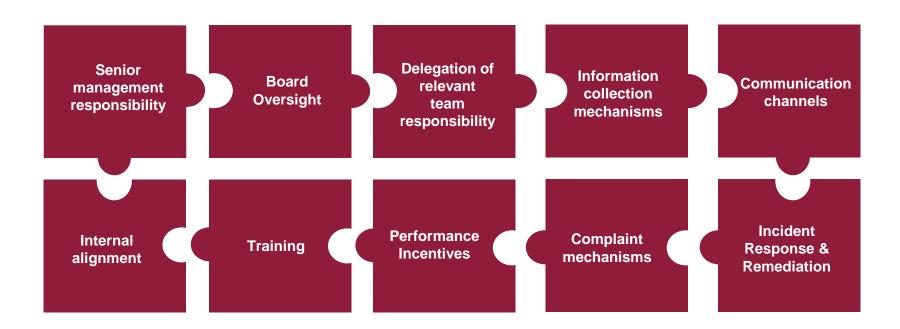
Meet Salesforce's Trusted Al Principles

Responsible

We strive to safeguard human rights, to protect the data we are trusted with, observe scientific standards and enforce policies against abuse. We expect our customers to use our AI responsibly, and in compliance with their agreements with us, including our Acceptable Use Policy.

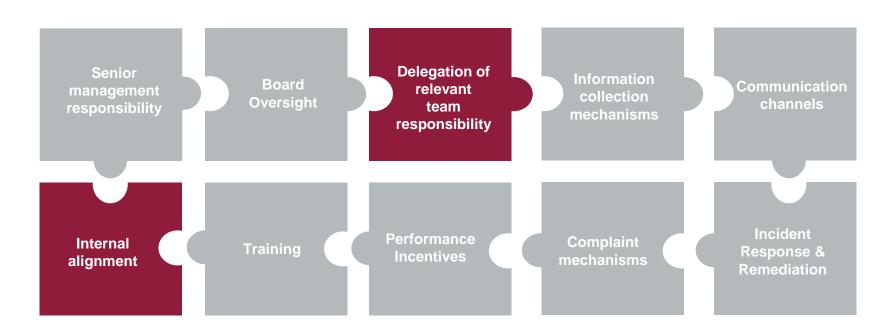


Applying Human Rights Governance Principles to Responsible Al





Applying Human Rights Governance Principles to Responsible Al

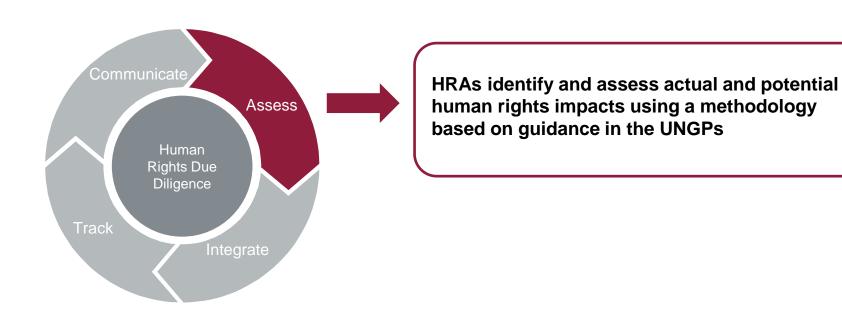




Guide 3: A Human Rights-Based Approach to Impact Assessment



What are human rights assessments?





Core Elements of a Human Rights Assessment



• Identifying impacts human rights impacts using all internationally recognized human rights as a reference point

List of Internationally Recognized Human Rights

- Right to equality and non-discrimination
- Right to life, liberty, and personal security
- Freedom from slavery
- Freedom from torture and degrading treatment
- Due process and fair trial rights
- Freedom from arbitrary arrest and exile
- Right to privacy
- Freedom of movement
- Right to asylum
- Right to a nationality and the freedom to change nationality
- Right to marriage and family
- Right to own property
- Freedom of thought
- Freedom of religion and belief
- Right to remedy

- Freedom of opinion, expression, and access to information
- Right of peaceful assembly and association
- Right to political participation
- Right to social security
- Labor Rights (e.g. safe working conditions, adequate remuneration, right to join unions)
- Right to rest and leisure
- Right to adequate living standards
- Right to health
- Right to education
- Right to participate in the cultural life of the community
- Right to benefit from scientific advancement
- Right to internet access
- Right to a healthy environment
- Disability rights (e.g. right to accessibility)
- Child Rights



Core Elements of a Human Rights Assessment

 Identifying impacts human rights impacts using all internationally recognized human rights as a reference point

Assessing and prioritizing impacts based on severity to people

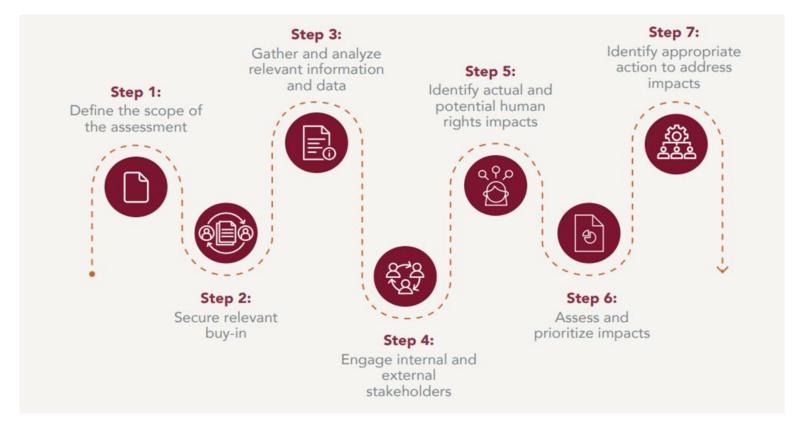
• Emphasis on vulnerable and marginalized groups; stakeholder engagement

Considering interconnectivity between rights

Accounting for context



BSR's Human Rights Assessment Process





Why HRAs for AI?

| | Benefits of HRAs |
|---|--|
| • | Focus on impacts to people |
| • | Comprehensiveness of risk / impact identification |
| • | An approach to prioritizing impacts |
| • | An established, internationally accepted methodology |
| • | Adaptability to a variety of contexts |
| • | Assistance with regulatory compliance |
| | |



Why HRAs for AI?

| | Benefits of HRAs | | Limitations of HRAs |
|---|--|---|--|
| • | Focus on impacts to people | • | May not cover all relevant impacts |
| • | Comprehensiveness of risk / impact identification | • | Are more qualitative than quantitative |
| • | An approach to prioritizing impacts | • | Are not technical assessments |
| • | An established, internationally accepted methodology | | |
| • | Adaptability to a variety of contexts | | |
| • | Assistance with regulatory compliance | | |
| | | | |



Integrating human rights into other Al impact assessments

| Assessment Type | Description | How to Integrate Human Rights |
|---|--|--|
| Algorithmic Impact Assessments / Audits | Systematic examination of the algorithms and data used in an Al system to assess their fairness, accountability, transparency, and ethical implications. | Utilize the list of internationally recognized human rights (see the appendix) as a foundation for brainstorming to help identify impacts or create a risk/harm taxonomy. Consider severity when assessing |

Empirical assessments of an AI system's performance or impact on

Assessment of whether an AI system exhibits biases or discrimination

such as race, gender, ethnicity, or age. Often includes

against certain groups of individuals based on protected characteristics

Examination of the data used to train Al models to look for issues such

as incorrect labels, representativeness, accuracy, and bias, that may

A range of assessment methods for AI systems that involves using

adversarial techniques and approaches to test the security, robustness,

people and society.

model/application evaluation.

and resilience of AI systems.

lead to inaccurate or problematic outputs.

Model / Application

Fairness Testing

Data Quality Reviews

Red Teaming

Evaluations

n Rights

impacts.

evaluate.

process.

basis of testing.

identified fairness issues.

needs of vulnerable groups.

Utilize human rights as a foundation for identifying impacts/harms to

Utilize the vulnerable groups framework to help identify groups for the

Consider how additional human rights may be impacted as a result of

Consider how different data quality issues could lead to human rights

Identify pathways to human rights impacts as part of the red-teaming

Include red teamers with a background suited to identifying risks to people, as well as people representative of, or familiar with, risks and

impacts, and consider the severity of those impacts to help prioritize

corrective actions / mitigation of related impact.

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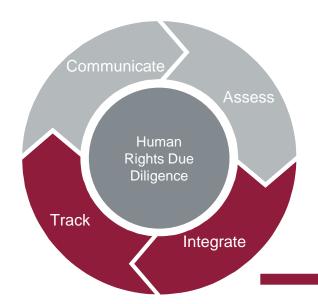
Red Teaming

Evaluations

Guide 4: A Human Rights-Based Approach to Risk Mitigation



Where does risk mitigation fit?



Risk mitigation entails:

- Integrating and acting upon the findings from impact assessments
- Tracking the effectiveness of mitigation measures



What human rights concepts can inform Al risk mitigation?



Attribution

How closely connected an entity is to an impact



Leverage

Ability to address the harm
/ influence the entity
causing the harm



Entity's actions alone lead to the impact



- Cease or prevent the impact
- Provide remedy if it occurs

Contribute

Facilitates, enables, incentivizes a third party to cause the impact



- Cease or prevent the contribution
- Use leverage to mitigate remaining impacts
- Provide remedy if impact occurs

Linked

Impact is directly linked to its operations, products, or services by a business relationship



 Utilize leverage to address the impact



- Risk tolerance and "offsetting" risks and benefits is not acceptable in a human rights context
- Tensions and trade-offs (aka competing equities) can be worked through using "counterbalancing"
- Think broadly about risk mitigation—technical / product actions, policies, process, transparency / communications
- Identify risks that arise from mitigations
- Integrate risk mitigation across the organization
- Track the effectiveness of risk mitigation over time



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Example risk mitigations across the generative AI value chain

| Example Mitigation | Managed model rollout | | |
|-----------------------------|---|---|--|
| Description | The process of making informed and calculated decisions model release on a gradient from closed to open source, include receiving feedback from relevant stakeholders to tive model fine-tuning | | |
| Risks It Addresses | Upstream: gaps in training data that lead to model perfeisures, such as unequal performance across demographic | Example Mitigation | Human oversight |
| | communities or outputs that are not representative of or the user base | Description | The process of human verification and/or approval of Al-generated predictions, decisions, or other outputs |
| | Downstream: applications of foundation models associa adverse impacts on people | Risks It | Upstream: Upstream: instances in which programmed safeguards fail to prevent inaccurate, inappropriate, biased, or otherwise harmful |
| How to Integrate a Human | Consider how human rights could be adversely impa the application of foundation models into technolog range of use cases | Addiesses | system outputs |
| Rights-Based Approach | | | Downstream : unintended adverse impacts on people associated with All outputs |
| Арргоасп | Consider how human rights could be adversely impalimiting access and availability of the foundation more | How to Integrate a Human Rights-Based Approach | Consider how the integration of genAl tools into operations, |
| | Identify any tensions in the above scenarios (i.e., adv from closed vs. open source) | | processes, or workflows could cause, contribute to, or be directly linked to potential adverse human rights impacts |
| | Consider what leverage the foundation model devel- to mitigate and provide remedy for harms resulting f stream applications of the model | | Be aware of issues that could increase the likelihood of adverse human rights impacts (e.g., inaccurate or biased outputs, harmful behavior specific to the use case and application domain, etc.) |
| | Establish decision-making processes for navigating h trade-offs related to types of model release that secupossible expression of the competing rights without | | Ensure users/operators are adequately trained on how genAl works, aware of potentially harmful outputs and behavior, and review outputs accordingly |
| | limiting them | | Establish processes for flagging and escalating harmful outputs |
| | | | Establish decision-making processes for navigating human rights trade-offs that secure the fullest possible expression of the competing rights without unnecessarily limiting them |



Guide 5: Conducting Stakeholder Engagement aka "Participatory Approaches"



Stakeholder Engagement Across the GenAl Value Chain

Suppliers

Foundation Model Developers

Downstream Developers

Deployers

- As part of dataset creation, e.g. consulting on what sufficient dataset representation would entail
- To provide feedback on data annotation guidelines
- To address impacts pertaining to labor rights

- To inform model development and release approaches
- To obtain external perspectives on model evaluations, or to have evaluations conducted by third parties
- To inform downstream developer access and assessments of downstream use

- To inform product ideation, impact assessments, and mitigation
- Before expanding business operations or product development in a new market
- To inform procurement or integration decisions for new genAl tools
- As part of product testing or review
- Before expanding product deployment to a new context



Best Practices for Stakeholder Engagement

Engage at multiple levels

Ongoing organizational engagement, one-off engagement on an issue, and productlevel engagements based on risk

Identify staff to own engagement

Dedicated, trained, and resourced staff should own engagement processes

Prepare well

Preparation ensures engagement goes smoothly and positive relationships are developed

Build and maintain relationships

Invest in relationships over time that are built on a foundation of trust, respect, and provide mutual benefit

Consider compensation

Be creative about compensation models to avoid the perception of an extractive relationship



Guide 6: A Human Rights-Based Approach to Policies and Enforcement



Policies and enforcement as Al risk mitigations

| Product Policies | Organizational Policies |
|--------------------------------|------------------------------------|
| Terms of service (ToS) | Privacy / data protection policies |
| Acceptable use policies (AUPs) | Security / data access policies |
| Model Policies | Quality assurance policies |
| Content Policies | Compliance policies |
| Al Principles | Procurement policies |



Elements of a human rights-based approach to policies and enforcement

- Policies should reference human rights when relevant
- Policies should address impacts to all human rights
- Policies and enforcement approaches should adhere to human rights principles
- Policy development and enforcement should be informed by stakeholder engagement
- Policy development should address the most severe impacts first

- Policies and enforcement should honor human rights principles when faced with conflicting requirements
- Policies enforced in conflict-affected areas should receive enhanced attention
- Reporting and appeals channels should be established to help identify policy violations and correct enforcement errors
- Policies should be updated and enforcement reviewed on an ongoing basis



Elements of a human rights-based approach to policies and enforcement

Policies should reference human rights when relevant

 Policies and enforcement should honor human rights principles when faced with conflicting

Policies should address impacts

"Usage Restrictions" in Microsoft Enterprise Al Services Code of Conduct

should

- Policies and enforcement approaches adhere to human rights principles
- Policy development and enforcement s informed by stakeholder engagement
- Policy development should address the severe impacts first

"Customers, users, and applications built with Microsoft AI Services must NOT use the services [...] to make decisions or take actions without appropriate human oversight as part of an application that may have a consequential impact on any individual's legal position, financial position, life opportunities, employment opportunities, or <a href="https://www.human.nights.

and



Benefits of integrating human rights into policies and enforcement





Guide 7:
Aligning Transparency and Disclosure
Practices with Human Rights
Responsibilities



Key Definitions

A **disclosure** is information that an entity reveals about itself that would not otherwise be available or easily discoverable

Entity / Company-Level Disclosures

- Governance
- Strategy
- Risks and impacts
- Indicators / metrics / targets

Model / Product-Level Disclosures

- Model / system cards
- Datasheets



The human rights disclosure landscape

Voluntary Standards

The UN Guiding Principles on Business and Human Rights (Principle 21)

OECD Due Diligence Guidelines for Responsible Business Conduct

The Global Reporting Initiative (GRI)

International Financial Reporting Standards (IFRS) Foundation's Sustainability Disclosure Standards

Mandatory Standards

EU Corporate Sustainability Reporting Directive (CSRD)

European Sustainability Reporting Standards (ESRS)



Benefits of Al Disclosures

- The discipline of putting together disclosures that meet standards can improve responsible Al
 workflows—e.g. help prioritize key issues, establish baselines, craft mitigations, track progress, and guide
 resource allocation
- Creating disclosure workflows helps prepare for external audits or evaluations, which are increasingly being adopted into regulation
- Disclosures can address investor and other key stakeholder concerns, reassuring stakeholders you are tracking key issues and taking steps to address risks
- Disclosure about impacts to people spurs progress on disclosure across the Al industry by motivating peers and
- Disclosure improves knowledge/understanding of the public and policymakers about nuanced and complex issues, informing public policy and regulation



Applying human rights and sustainability disclosure best practices to Al

Report Content



PRINCIPLE 1
MATERIALITY
AND
CONCISENESS



PRINCIPLE 2 STRATEGIC AND FORWARD LOOKING



PRINCIPLE 3
SUSTAINABILITY
CONTEXT



PRINCIPLE 4
KEY
PERFORMANCES
INDICATORS AND
NARRATIVE



PRINCIPLE 5
COMPLETENESS

Report Quality



PRINCIPLE 6
STAKEHOLDER
ENGAGEMENT



PRINCIPLE 7
BALANCE



PRINCIPLE 8
ASSURANCE



PRINCIPLE 9
CONSISTENCY
AND
COMPARBILITY



PRINCIPLE 10 CONNECTIVITY OF INFORMATION



Disclosure Examples Across the Value Chain

Suppliers

Foundation Model Developers

Downstream Developers

Deployers

 Dataset documentation

- Model and system cards
- Responsible use guides
- Non-technical disclosures (e.g. blog posts)

- Non-technical disclosures for users (e.g. infographics)
- Non-technical disclosures for other stakeholders (e.g., hallucination rates, summary of stakeholder feedback)

 Non-technical disclosures for users (e.g. product info)



Guide 8: Remedy for Al-Related Harms



Why is remedy important?

- Mitigating business risks Remedy mitigates business risks (e.g. lawsuits, public shaming campaigns)
- Source of business intelligence Remedy mechanisms can be a useful source of business intelligence (e.g. how products are impacting people in the world)

Remedy in the UNGPs

- Individuals whose rights have been harmed by businesses must have access to remedy
- Companies should provide or cooperate in remediation for impacts they cause or contribute to.
- Companies should establish or participate in effective operational grievance mechanisms



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Five Categories of Remedy

Satisfaction

Ceasing the violation, acknowledging the harm, disclosing the truth, providing an apology, and sanctioning those responsible

Restitution

Restoring, to the extent possible, whatever has been lost and returning the rightsholder to the state before the harm occurred

Guarantees of nonrepetition Changes to policies and procedures to prevent future harms, or the taking of disciplinary action

Rehabilitation

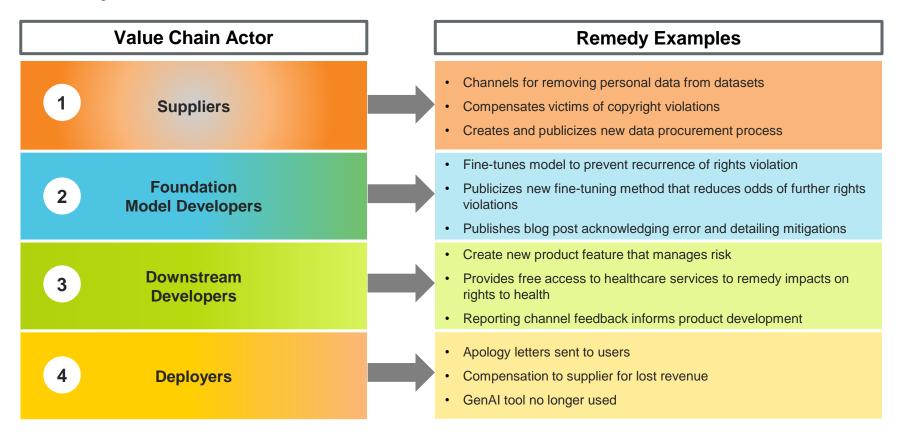
Medical, psychological, legal, social, or other services to restore the victim

Compensation

Money or other benefits, where damage can be financially assessed

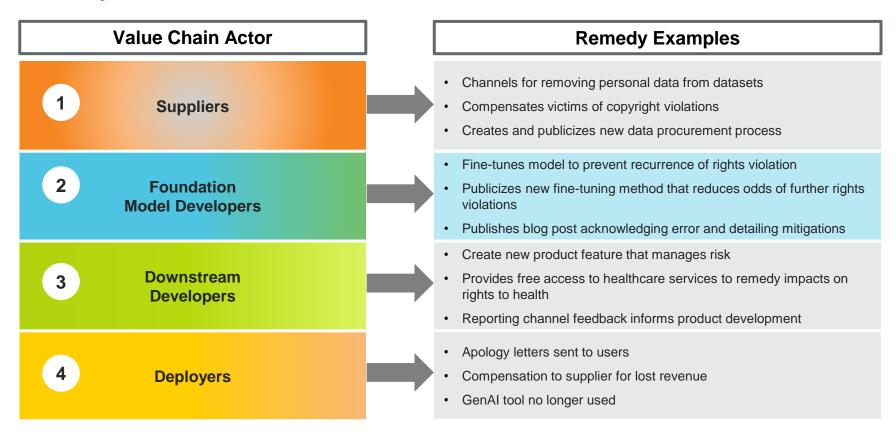


Remedy Across the GenAl Value Chain



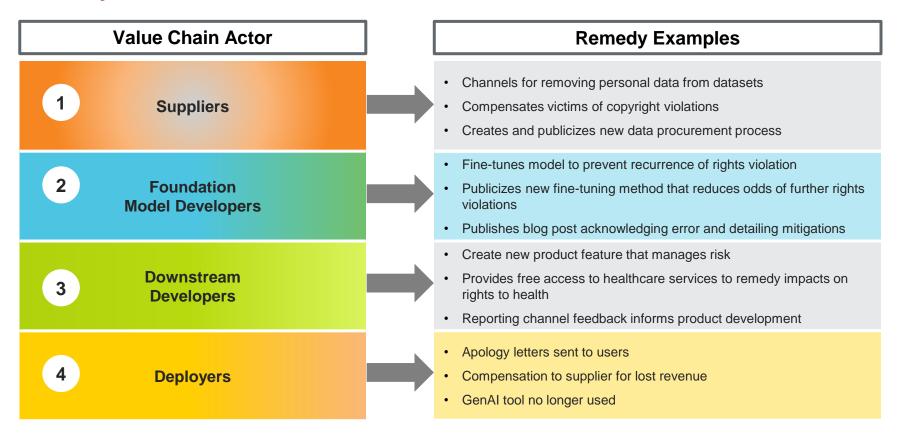


Remedy Across the GenAl Value Chain





Remedy Across the GenAl Value Chain





Remedy and the single point of contact

The duty to coordinate remedy for harms that require business action should lie with a single point of contact.

- The single point of contact will usually be the value chain entity that is directly interfacing with the affected stakeholder.
- There will be cases, where entities from the broader remedy ecosystem, such as law enforcement or social services organizations, must play a role in effective remedy.



Key Takeaways



Human rights should be the foundation for other approaches 2

Human rights
concepts and
frameworks can
augment responsible
Al workflows

3

You don't need to be a human rights expert to take a human rights-based approach



Q&A

