

DATA CONSIDERATIONS				
<i>Sustainable growth &amp; development</i>	<i>Purpose &amp; fairness</i>	<i>Transparency &amp; explainability</i>	<i>Security &amp; safety</i>	<i>Assurance &amp; accountability</i>
<i>Engage in activities that can contribute to inducing inclusive growth, sustainable development, and wellbeing.</i>	<i>Respect the rule of law, human rights, and democratic values throughout data lifecycle activities,</i>	<i>Commit to responsible disclosures to provide information to foster stakeholders' understanding of data use.</i>	<i>Ensure traceability and apply systematic risk management approaches to mitigate, among others, safety and security risks.</i>	<i>Be accountable for the proper functioning of data systems and for the respect of data roles and the data context.</i>
<ul style="list-style-type: none"> <li>• Consolidate research networks and collaborative platforms for data reduction.</li> <li>• Enable, guide, and foster access to, use and re-use of, data and evidence.</li> <li>• Reduce the potential environmental impact of data infrastructure.</li> <li>• Avoid the proliferation of unnecessary, redundant, or overlapping datasets.</li> <li>• Manage and reduce dark data volume.</li> <li>• Monitor and control the quality, suitability, sustainability, and impartiality of data</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct human rights impact assessments, where appropriate, to analyse effects of data input activities on rights-holders.</li> <li>• Employ initiatives to reduce bias that may feature in data.</li> <li>• Protect privacy over data lifecycle.</li> <li>• Ensure the availability of diverse teams collaborating around data projects to help mitigate biases.</li> <li>• Publish data governance and management policies, practices, and procedures.</li> </ul>	<ul style="list-style-type: none"> <li>• Disclose information about historical and future use of data.</li> <li>• Involve expected data users to allow adjustments to data needs for successful scaling of data projects.</li> <li>• Reuse data based on assessment of existing data assets to increase efficiency over time.</li> <li>• Gather and record information on data system(s) functioning over time for evaluation.</li> <li>• Assess quality of data inputs.</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain records of data characteristics for traceability.</li> <li>• Adopt and uniformly apply standards, guidelines, codes for data procurement.</li> <li>• Perform regular and random data audits to assess data input quality and if data is fit for purpose.</li> <li>• Identify and assess data risks through risk management approaches.</li> <li>• Communicate residual risks, data accuracy, &amp; serious data incidents.</li> </ul>	<ul style="list-style-type: none"> <li>• Adopt clear terms of who should be held responsible for data and in which circumstances.</li> <li>• Establish a system for “check and balances” of decisions on spending on data and related technologies.</li> <li>• Establish independent oversight bodies to audit the use of data and data practices.</li> <li>• Use tools and processes to document data system decisions and to ensure accountability.</li> <li>• Establish codes of ethical conduct and</li> </ul>

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| <p>inputs by defining and deploying data management rules and practices.</p> <ul style="list-style-type: none"> <li>• Deploy communication tools to help facilitate engagement of appropriate stakeholders, or representatives, as and when appropriate.</li> </ul> | <ul style="list-style-type: none"> <li>• Be user-driven and place users’ needs and their concerns at the core of data project design, implementation, and monitoring.</li> <li>• Communicate to relevant stakeholders, or representatives, about the use of data and its focal purpose.</li> <li>• Protect privacy of legacy data.</li> <li>• Protect right to freedom of expression, association, and personal autonomy.</li> <li>• Avoid the emergence of new forms of “digital exclusion” in the workplace, communities, and society.</li> <li>• Protect whistle-blowers reporting wrongdoing.</li> </ul> | <ul style="list-style-type: none"> <li>• Define a formal process for relevant parties to challenge the use of data.</li> <li>• Be transparent, open, and clear about data inputs and machine / human processes that led to final decisions.</li> <li>• Ensure the processing of personal, personal sensitive or community data by third parties in the context of public-private partnerships is transparent and comply with and adhere to applicable policy and legislation.</li> </ul> | <ul style="list-style-type: none"> <li>• Establish compliance measures where appropriate.</li> <li>• Agree on trustworthy data management practices across departments.</li> <li>• Identify user, intended data use and reasonably foreseeable data misuse (hazard identification).</li> <li>• Adopt impact mitigation planning (IMP) for social &amp; environment impacts.</li> <li>• Track efforts to reduce and address risk(s) from data use.</li> <li>• Manage digital security risks and the safety of connected products and services.</li> </ul> | <p>practical technical tools for data use.</p> <ul style="list-style-type: none"> <li>• Acknowledge that the type and use-context of data determine the relevant principles, rules and norms bearing on its use.</li> <li>• In the case of a negative outcome, take action to ensure a better future outcome.</li> <li>• Articulate the value proposition for all data projects, above a certain size.</li> <li>• Understand potential sanctions to intended or unintended data abuse and mismanagement.</li> <li>• Create safe havens for reporting data misuse, negative outcomes, and early warnings.</li> </ul> |
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**SOURCE:** Author created. The data considerations are adapted from the following source documents: OECD, “Good Practice Principles for Data Ethics in the Public Sector”, (2020); OECD, “The State of Implementation of the OECD AI Principles Four Years On”, October (2023); OECD, “Common Guideposts to Promote Interoperability in AI Risk Management”, November (2023); and OECD, “Recommendation of the Council on Digital Government Strategies”, (2014), respectively.