Federal Data Strategy

What is the Federal Data Strategy? The use of data is transforming the world. The way the Federal Government provides, maintains, and uses data has a unique place in society and maintaining trust in federal data is pivotal to a democratic process. The Federal Government needs a coordinated and integrated approach to using data to deliver on mission, serve the public, and steward resources while respecting privacy and confidentiality. The Federal Data Strategy will define Principles, Practices, and a Year 1 Action Plan to deliver a more consistent approach to federal data stewardship, use, and access. The Federal Data Strategy development team will also test solutions and assumptions along the way with The Data Incubator Project, which will help identify priority use cases and methods that should be replicated or scaled.

Why create a Federal Data Strategy? In March of 2018, the President's Management Agenda laid out a new Cross-Agency Priority (CAP) Goal: Leveraging Data as a Strategic Asset to develop and implement a comprehensive Federal Data Strategy. Over the course of the next year, with input from the full spectrum of government and non-government stakeholders, the first government-wide data strategy will be developed, along with plans for implementation. How will the Federal Data Strategy be developed? The strategy will be developed around four topical areas. The Federal Data Strategy development team will pull together a comprehensive strategy from the input and insights contributed by stakeholders. Between now and April 2019, the Federal Data Strategy development team will be seeking and synthesizing inputs and developing solutions through an iterative process. Each quarter, we will publish new draft materials for review and feedback. Stay tuned to strategy.data.gov to keep up to date and ensure we hear from you.

Contents

Office of Management and Budget (OMB)

Office of Science and Technology Policy (OST)

Department of Commerce (DOC)

Small Business Administration (SBA)

Vision

A coordinated and integrated approach to using data to deliver on mission, serve the public, and steward resources

Mission

To define principles and practices for federal data stewardship, use, and access

Values

Stewardship

Responsibility: 1. Exercise Responsibility: Practice effective data stewardship and governance by maintaining modern data security practices, protecting individual privacy, and maintaining promised confidentiality.

Ethics: 2. Uphold Ethics: Consider, monitor, and assess the implications of federal data practices for the public and provide sufficient checks and balances to protect and serve the public interest.

Transparency: 3. Promote Transparency: Articulate purposes for acquiring, using, and disseminating data and comprehensively document processes and products to inform data users.

Quality

Intentionality: 4. Integrate Intentionality: Create, acquire, use, and disseminate data deliberately and thoughtfully, considering quality, consistency, privacy, value, reuse, and interoperability from the start.

Relevance: 5. Ensure Relevance: Validate that data are high quality, useful, understandable, timely, and needed.

Valuism: 6. Create Value: Coordinate and prioritize data needs and uses, harness data from multiple sources, and acquire new data only when necessary.

Continuous Improvement

Responsiveness: 7. Demonstrate Responsiveness: Improve data sharing and access with ongoing input from users and other stakeholders.

Best Practices: 8. Prioritize Best Practices: Model, assess, and continuously update best practices throughout the data lifecycle.

Learning: 9. Invest in Learning: Promote a culture of continuous and collaborative learning with data and about data.

Accountability: 10. Practice Accountability: Audit data practices, document and learn from results, and make changes as needed based on findings.

1. Enterprise Data Governance

Set priorities for managing government data as a strategic asset

Set priorities for managing government data as a strategic asset, including establishing data policies, specifying roles and responsibilities for data privacy, security, and confidentiality protection, and monitoring compliance with standards and policies throughout the information lifecycle.

1.1. Policies

Establish data policies

1.2. Roles & Responsibilities

Specify roles and responsibilities for data privacy, security, and confidentiality protection

1.3. Compliance

Monitor compliance with standards and policies throughout the information lifecycle.

2. Access, Use & Augmentation

Develop policies and procedures that enable stakeholders to effectively and efficiently access and use data assets

Develop policies and procedures that enable stakeholders to effectively and efficiently access and use data assets by:

2.1. Availability & Formats

Make data available more quickly and in more useful formats

2.2. Sharing

Maximize the amount of non-sensitive data shared with the public

2.3. Technologies & Best Practices

Leverage new technologies and best practices to increase access to sensitive or restricted data while protecting privacy, security, and confidentiality, as well as the interests of data providers.

3. Decision Making & Accountability

Improve the use of data assets for decision-making and accountability

Improve the use of data assets for decision-making and accountability for the Federal Government, including both internal and external uses. This includes:

3.1. Decision-Making & Learning

Provide high quality and timely information to inform evidence-based decision-making and learning

3.2. Effectiveness

Facilitate external research on the effectiveness of government programs and policies which will inform future policymaking

3.3. Accountability & Transparency

Foster public accountability and transparency by providing accurate and timely spending information, performance metrics, and other administrative data.

4. Commercialization, Innovation & Public Use

Facilitate the use of Federal Government data assets by external stakeholders

Stakeholder(s)

Private Sector :
 Scientific Research Community, by s

State Governments

Local Governments

Facilitate the use of Federal Government data assets by external stakeholders at the forefront of making government data accessible and useful through commercial ventures, innovation, or for other public uses. This includes use by the private sector and scientific and research communities, by state and local governments for public policy purposes, for education, and in enabling civic engagement.

4.1. Commerce & Public Purposes

Enable use of government data for commercial and other public purposes

Enabling external users to access and use government data for commercial and other public purposes spurs innovative technological solutions and fills gaps in government capacity and knowledge.

4.2. Businesses & Markets

Help businesses and markets operate more efficiently

Supporting the production and dissemination of comprehensive, accurate, and objective statistics on the state of the nation helps businesses and markets operate more efficiently.

Administrative Information

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