Operationalizing Data & AI To Shape A Digital Future For All

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Who am I?

Maithili Mavinkurve P.Eng.
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Key Discussion Topics

- Understanding the Data Supply Chain
- The Role of Standards
- Building a Data Economy
- Trusted Data in Action
Understanding the Data Supply Chain

Moving from Strategy to Execution with Data & AI

Governance Layer

Operational Layer

Sourcing
Processing
Storing
Sharing

Diversity, Equity, Inclusion principles
Privacy, Security, Trust principles
via Best practices, Standards, Policies, Regulations, Laws

Technology selection & Operational Processes

OUTCOMES & INSIGHTS
The Data Governance Standardization Collaborative (SCC)

Working Group 4: Data Analytics, Solutions, and Commercialization

Issue 11 - Data Collection (WG-2)
Issue 32 - Transparency and Communication of Data Analytics
Issue 34 - Assessment and Management of Bias
Issue 30 - Elements of AI Solutions
Issue 31 - Data Value Chain
Issue 33 - Interpretability and Explainability of AI Systems
Issue 35 - Performance Management Systems for Analytics and AI Systems
Data Governance & Ethical AI Standards (CAN/CIOSC)

100-1:2020   Data Governance - Part 1: Data centric security
100-2:2020   Data Governance - Part 2: Third party access to data
100-3   Data governance - Part 3: Privacy enhancing data de-identification framework
100-4:2020   Data Governance - Part 4: Specification for Scalable Remote Access Infrastructure
100-6:2021   Data Governance - Part 6: The responsible use of digital contact tracing, monitoring data in the workplace
100-7   Data Governance - Part 7: Operating model for responsible data stewardship
100-8   Data Governance - Part 8: Framework for Geo-Residency and Sovereignty
100-9   Data Governance - Part 9: Zero Copy Integration
101:2019   Artificial Intelligence: Ethical design and use of automated decision systems
Opportunities to build a Data Economy

Ensuring a prosperous society for everyone

- Classify “Data as a National Asset”
- Become Trusted Digital Nations
- Build Interoperable, Standards Based Data Trust Infrastructure
Data Innovation in Action

Notable examples of Governed Data sharing at scale

Innovate Cities.
X-ROAD
ocean
gai​a-x
Thank you

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