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Technology Transformation,
Paths to Success

George Tomchick, DCFO HUD
Mike Wetklow, DCFO NSF

Moderator
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AGA

#TTS22

A graphic for a panel discussion titled 'Technology Transformation, Paths to Success'. The background is dark blue with a network of glowing red and white nodes. The title is in a bold, blue, sans-serif font, underlined. Below the title, the names and titles of the speakers, George Tomchick (DCFO HUD) and Mike Wetklow (DCFO NSF), are listed in a bold, blue, sans-serif font. Below the speakers' names, the moderator's name, Joe Hungate, and his affiliation, RMA Associates, are listed in a black, sans-serif font, along with his email address, j.hungate@rmafed.com. The AGA logo is in the bottom left corner, and the hashtag #TTS22 is in the bottom right corner.

2

Intelligent Automation

Transformation Strategy utilizing RPA and Intelligent Automation

- Strong Leadership/Change Management
- High Data Quality
- Governance
- Drive for Innovation

Transparency- Extremely Important

Business Cases that tie to Mission and Strategic Goals

“What problem am I trying to solve?”

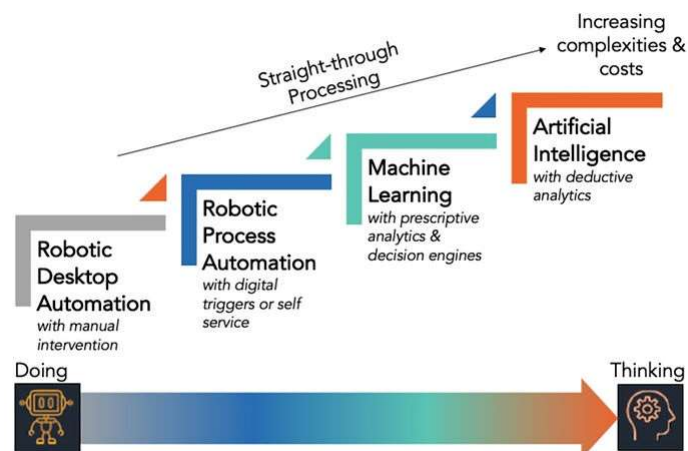


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Intelligent Automation

Source: CFB Bots



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NSF Technology and Transformation Path



Data Analytics and Assurance Program (DAAP)

Deal with Data | Leverage Automation | Reduce Compliance Burdens | Build Stronger Organizations | Unlock Value



A



B



C



D



E



Google CEO: We may have to slow down some 'disruptive' technology

AICPA Supports Accounting STEM Pursuit Act, Which Creates Important Link Between Accounting and STEM

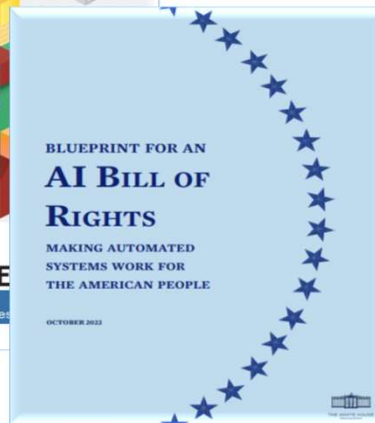
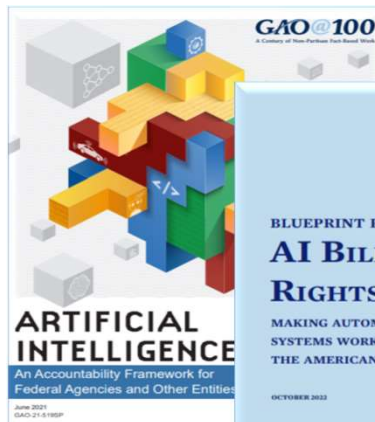


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Related Artificial Intelligence Developments



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6

Related Distributed Ledger Technology Developments


 MARCH 09, 2022
Executive Order on Ensuring Responsible Development of Digital Assets


 SEPTEMBER 16, 2022
FACT SHEET: White House Releases First-Ever Comprehensive Framework for Responsible Development of Digital Assets
 BRIEFING ROOM • STATEMENTS AND RELEASES



Advancing Responsible Innovation: NSF is backing social sciences and education research that develops methods of informing, educating, and training for diverse groups of stakeholders on safe and responsible digital asset use.



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7

Current NSF Data Science Projects



The FORCE
 (BFA application of Lingo 4G)

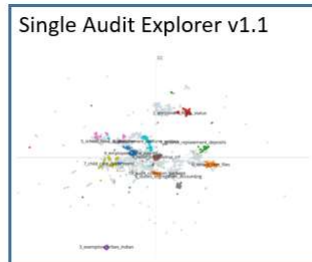
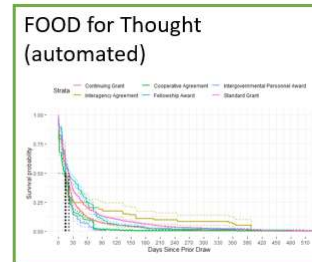
Ad Hoc Analysis and Advanced Insights

Data Visualization | Artificial Intelligence / Machine Learning

Dashboards and Text Analytics | Natural Language Processing



Single Audit Explorer v1.1

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Any Questions




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THANK YOU!



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