NIST Privacy Engineering Collaboration Space

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Why a collaboration space?

- Need for more tools, solutions, and processes supporting privacy engineering
- Greater awareness of those that already exist
- Better understanding of benefits and integration into systems or enterprise risk management processes
- Construct that helps organizations match the appropriate tools, solutions, or processes to their needs

Collaboration Space Overview

an online venue open to the public where practitioners can **discover**, **share**, **discuss**, and **improve upon open source tools**, **solutions**, and **processes** that support privacy engineering and risk management

What to Contribute

Tools

Use Cases

Feedback

Initial Focus Areas

De-identification

Privacy Risk Assessment

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Collaboration Space

Welcome

This space has just launched! To kick off, we are focusing on **de-identification** and **privacy risk assessment**, and welcome feedback on future topics of interest.

Contact Us

NIST's Privacy Engineering Collaboration Space is an online venue open to the public where practitioners can discover, share, discuss, and improve upon open source tools, solutions, and processes that support privacy engineering and risk management.

Contribute

Created a privacy tool? Have a use case to share? Post it or collaborate on other contributions in the space.

Contribute

Browse

Interested in tools or use cases for de-identification and privacy risk assessment? Browse the contributions.

Browse

usnistgov / PrivacyEngCollabSpace

Unwatch 11 | Unstar 12 | Fork 9

Code | Issues 0 | Pull requests 2 | Projects 0 | Wiki | Insights | Settings

Privacy Engineering Collaboration Space https://www.nist.gov/itl/applied-cybe... Edit

de-identification differential-privacy risk-management Manage topics

154 commits | 1 branch | 0 releases | 5 contributors

Branch: master | New pull request | Create new file | Upload files | Find File | Clone or download

kboeckl fixes analysis typographical error — Latest commit 40ceb7d on Apr 2

.github	Update ISSUE_TEMPLATE.md	3 months ago
assets	resize img k	3 months ago
templates	Change management to assessment	a month ago
tools	fixes analysis typographical error	a month ago
use-cases	change management to assessment	a month ago
CONTRIBUTING.md	change management to assessment	a month ago
README.md	Update README.md	a month ago

README.md

Privacy Engineering Collaboration Space

De-Identification Tools

Approximate Minima Perturbation (AMP) Carnegie Mellon University; Boston University; University of California, Berkeley; University of California, Santa Cruz; Peking University

ARX Data Anonymization Tool TUM - Technical University of Munich

Differential Privacy Synthetic Data Challenge Algorithms Various Challenge Participants

Differentially Private Stochastic Gradient Descent (DP-SGD) Google

De-Identification Tools (continued)

Ektelo UMass Amherst, Duke University, Colgate University

GUPT: Privacy preserving data analysis made easy University of California, Berkeley; University of California, Santa Cruz; Cornell University

PixelDP Columbia University

Privacy Protection Application (PPA) US Department of Transportation

Private Aggregation of Teacher Ensembles (PATE) Google

Privacy Risk Assessment Tools & Use Cases

City of Seattle Open Data Risk Assessment

Future of Privacy Forum (FPF) | *Use Case*

FAIR Privacy

Enterprivacy Consulting Group | *Tool*

NIST Privacy Risk Assessment Methodology (PRAM)

NIST | *Tool*

Engage!

- **Explore** the space
- **Contribute** tools and use cases
- **Spread the word** about the space

Resources

www.nist.gov/itl/applied-cybersecurity/privacy-engineering/collaboration-space

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